



August 18, 2022

VIA EMAIL

Ms. Lisa Graczyk
U.S. Environmental Protection Agency
77 West Jackson Blvd.
Chicago, IL 60604

**RE: Quarterly Monitoring Report
July 2022 Sampling Event
CECOS International, Inc.
Aber Road Facility, Williamsburg, Ohio
EPA I.D. # OHD-087-433-744**

Dear Ms. Graczyk:

Please find the attached Quarterly Monitoring Report for the July 2022 sampling event completed at CECOS International, Inc.'s (CECOS) Aber Road facility. The report was prepared by Eagon & Associates, Inc. on behalf of CECOS and contains a discussion of the July 2022 sampling results for Toxic Substances Control Act (TSCA) parameters collected from the surface water points, leak detectors, and underdrains. It is noted that there was one suspect, low-level detection of 1,2-dibromoethane (EDB) during the event in leak detector sample LD-1 located outside the slurry wall. The detection is believed to be the result of laboratory error or field or laboratory cross-contamination and will be further investigated during the next routine quarterly monitoring event scheduled for October 2022.

Hardcopies of any items in the report are available upon request. Please contact me at (513) 724-6114 if you have any questions regarding this correspondence.

Sincerely,
CECOS International, Inc.

Andrew Thompson
Environmental Manager

Attachment

cc: Michael Beedle, US EPA Region 5
Randy Kirkland, Ohio EPA SWDO
Hannah Lubbers, Director – OEQ, Clermont County

Joe Montello, Republic Services, Inc.
Michael Gibson, Eagon & Associates, Inc.
File: B.1

QUARTERLY MONITORING REPORT

JULY 2022 SAMPLING EVENT

Prepared for:

CECOS International, Inc.
Aber Road Facility
Williamsburg, Ohio

EPA I.D. OHD 087 433 744

Prepared by:



August 2022

Eagon & Associates, Inc.
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Worthington, Ohio 43085
(614) 888-5760

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Appendix A. Laboratory Analytical Report, Field Information Forms, and Chain-of-Custody Records – July 2022 Quarterly Monitoring Event

1.0 INTRODUCTION

On behalf of the CECOS International, Inc. Aber Road Facility, Eagon & Associates, Inc. (Eagon) has prepared this Quarterly Monitoring Report for the July 2022 surface water, leak detector, and underdrain sampling results. Samples for the Site's US EPA Toxic Substances Control Act (TSCA) parameters were collected by Eagon and laboratory analyses were performed by Eurofins TestAmerica, Inc. of Amherst, New York. The July 2022 quarterly monitoring sampling event was performed July 11-13, 2022. The event included sampling of the designated leak detectors, underdrains, and surface water monitoring locations at the facility.

TSCA monitoring requirements were established with US EPA's July 31, 1981 approval to dispose polychlorinated biphenyls (PCBs) in planned Secure Chemical Management Facilities (SCMFs) 6 through 17 (SCMFs 11 through 17 were never constructed) and, after negotiated revisions, were originally outlined in the March 13, 1984 document entitled "TSCA Monitoring Program." The original TSCA monitoring approach included monitoring of the leak detectors, underdrains and surface water (LD/UD/SW), as well as a site-wide TSCA-specific groundwater monitoring component that focused on both the pre-RCRA units and the RCRA regulated units at the Site. The LD/UD/SW component continues within that framework on a quarterly basis and the results for the most recent monitoring event are presented in this report.

With the later development of tailored, regulatory-program specific groundwater monitoring programs for the pre-RCRA and RCRA areas, the site-wide TSCA groundwater monitoring component was transitioned to and captured within those programs. The RCRA Detection Monitoring Program (DMP) for groundwater was originally proposed in 1989, was fully implemented by 1994, and applies to the RCRA regulated units located outside of the Corrective Measures Implementation (CMI) slurry wall. The current groundwater DMP is specified in the Detection Monitoring Plan which is part of the August 2022 RCRA Post-Closure Plan. The CMI post-construction groundwater monitoring program applies to the pre-RCRA areas and SCMFs 3 and 4/5 and was implemented in 1998 according to the monitoring approach outlined in the August 1996 Quality Assurance Project Plan and the March 1998 and November 1998 revisions to the CMI O&M Manual. The DMP is managed by Ohio EPA, whereas the facility's CMI program is

managed by US EPA. The DMP and CMI groundwater monitoring programs fulfill the facility's TSCA groundwater monitoring obligations via the sampling and analysis for PCBs and total organic carbon (TOC), in addition to volatile organic compounds (VOCs) specific to the DMP and CMI programs. All groundwater monitoring results collected semiannually as part of the DMP and CMI programs are reported separately to Ohio EPA and US EPA's RCRA division and are not presented herein.

2.0 SURFACE WATER SAMPLING

Pleasant Run Creek is west of the Site and generally flows south, then bears southeastward downstream toward its confluence with the East Fork of the Little Miami River located approximately two miles from the Aber Road facility. The East Branch of Pleasant Run Creek is south and east of the Site and flows southwest toward its confluence with Pleasant Run Creek at the southwestern corner of the Site (Figure 1). Surface water samples are collected on a quarterly basis at five designated sampling stations: C-2, C-6, C-9, C-10, and C-12. Locations C-2, C-6, C-9, and C-10 are located on Pleasant Run Creek (Figure 1). Location C-12 is on the East Branch of Pleasant Run Creek slightly upstream of the confluence. C-9 is the upstream/background location. C-6 is downstream of the confluence and the most downstream surface-water monitoring point.

To collect the surface water samples, the samplers position themselves downstream from each stream sample station in as near to the middle of the stream channel as possible. Pre-cleaned sample containers are then partially inverted and slowly submerged into the water. The container is then slowly rotated upright until filled and is then removed from the stream and capped. This procedure is continued until all containers are filled. Stream locations are sampled from downstream to upstream to prevent potential impacts on sample integrity or representativeness that could result from entering the stream upstream of a sampling point (e.g., by suspending sediment). If there is no discernible stream flow at the respective sample location, samples are not collected.

All five stream monitoring locations were flowing during the July 2022 event and were sampled for VOCs, PCBs, and TOC.

3.0 LEAK DETECTOR SAMPLING

Leak detection systems are installed between the primary and secondary liners of SCMFs 9 and 10. These systems provide additional means to aid in the detection of contaminants in the event there is a release through the primary liner from these regulated units. Liquid within the leak detectors is collected by pumping from the riser pipes connected to the leak detection systems. The riser pipes provide access to the hydraulically interconnected components of the leak detection systems for a given cell and are identified as LD-1 and LD-2 for SCMF 9, and LD-3 and LD-4 for SCMF 10 (Figure 1).

Each leak detector riser is evacuated with a dedicated electric submersible pump. The leak detectors are purged dry or until approximately 200 gallons of water have been purged, whichever occurs first. Purge water is contained and transferred to the Site's leachate collection system. Samples are collected immediately following purging unless the location purges dry. In that case, sufficient time is allowed for recovery and the sample is then collected; typically, during the same day and no more than 24 hours after purging is completed.

The leak detectors were sampled for VOCs, PCBs, and TOC during the July 2022 quarterly monitoring event.

4.0 UNDERDRAIN SAMPLING

SCMFs 3 through 10 were constructed with underdrain dewatering systems that were operated to facilitate construction of the units. The underdrains lie below the liner systems and are in contact with natural geologic materials. The underdrains are now sampled as part of the quarterly monitoring program for the facility. The design and construction details vary between each SCMF and are documented in Section 1.2 of the RCRA Facility Closure Plan. Underdrain riser locations are shown on Figure 1 herein.

Underdrains are evacuated in a manner similar to the leak detectors using dedicated electric submersible pumps. Each underdrain is purged until approximately 200 gallons of water have been evacuated. Purge water is contained and transferred to the Site's leachate collection system. Underdrain samples are collected immediately following purging.

The underdrains were sampled for VOCs, TOC, and PCBs during the July 2022 quarterly monitoring event. Underdrain U-9 is permanently inoperable and was not sampled during the event. U-9 is located beneath SCMF 4/5, within the Corrective Measures Implementation (CMI) area slurry wall (Figure 1). Underdrains U-10, U-11, and U-12 are also located beneath SCMF 4/5 and continue to be sampled on a quarterly basis.

5.0 ANALYTICAL RESULTS

There were no quantified detections of VOCs in the surface water samples. In addition, there were no quantified detections of VOCs in samples from the leak detectors or underdrains located outside of the CMI area during the July 2022 event, with the exception of an anomalous, low-level detection of 1,2-dibromoethane (syn. ethylene dibromide or EDB) reported for leak detector location LD-1 (0.015 ug/L). EDB results are reported down to parts per trillion levels and the reported concentration was well below the maximum contaminant level of 0.05 ug/L. The concentration was also only nominally above the laboratory practical quantitation limit of 0.011 ug/L and the method detection limit of 0.0077 ug/L. EDB is analyzed using Method 8011 and the laboratory has reported unverified, false-positive Method 8011 detections for Site samples in sporadic instances, at different sample points in the past. Therefore, the reported low-level detection of EDB at LD-1 is considered suspect and is believed to be the result of either laboratory error or field or laboratory cross-contamination. Nonetheless, the anomalous detection of EDB will be further investigated during the fourth quarter 2022 routine TSCA monitoring event scheduled for October 2022. The October event will be considered a verification event to confirm or deny the presence of this compound at LD-1 during the July 2022 event.

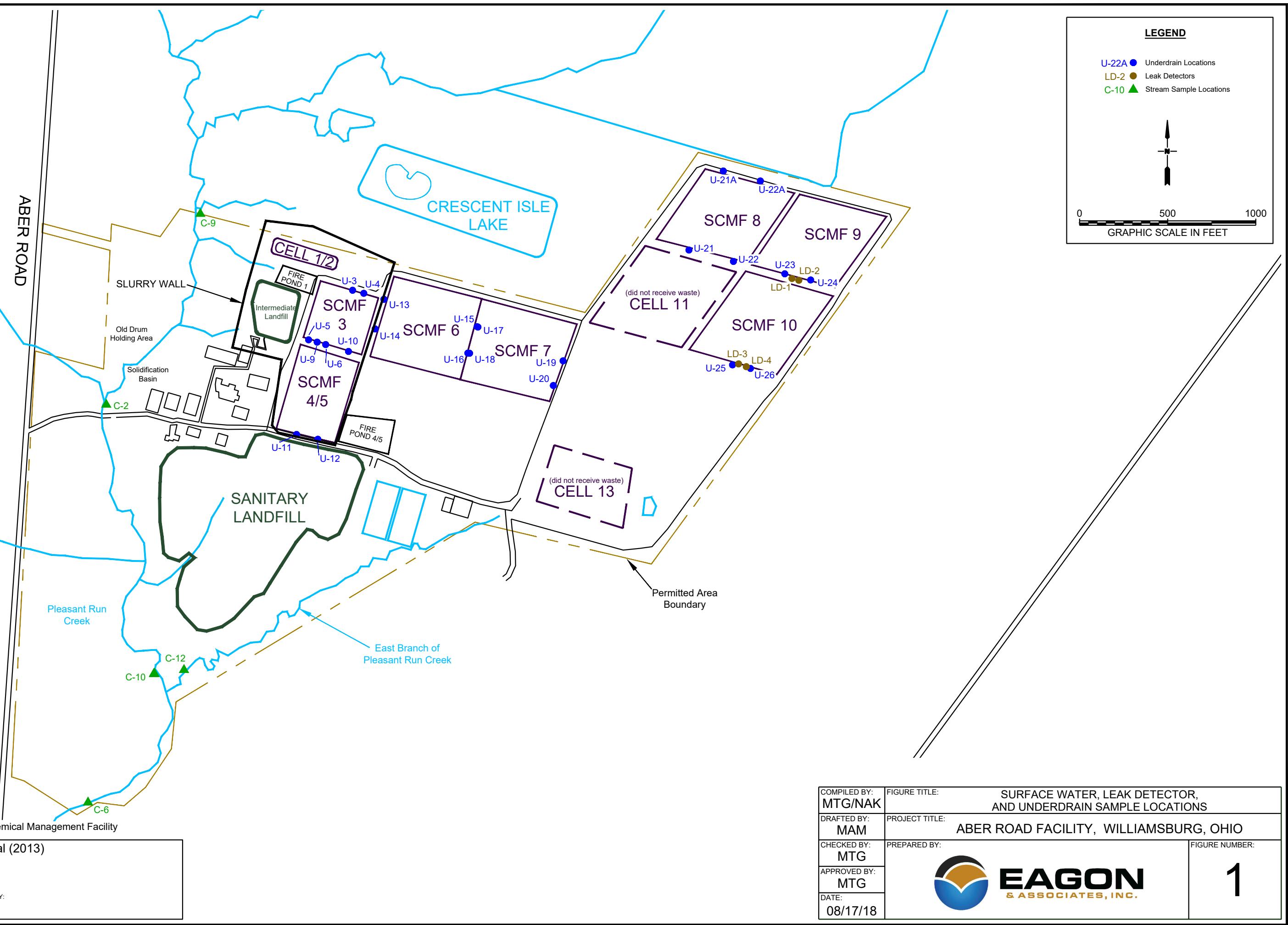
VOC detections in the July 2022 underdrain samples are summarized in Table 1. Underdrains U-3, U-4, U-5, U-6, and U-12, which are located beneath units contained within the

slurry wall, exhibited quantified VOC detections of constituents that are commonly detected at those locations. Concentrations of those VOCs observed during the event were within the range of concentrations observed during previous monitoring events.

There were no detections of PCBs in any of the surface water, leak detector or underdrain samples collected during the event, which is consistent with past events.

The analytical results from the July 2022 quarterly monitoring event including field information logs and chain-of-custody records, are presented herein in Appendix A.

FIGURES



TABLES

TABLE 1.
VOC DETECTIONS IN UNDERDRAINS
JULY 2022 QUARTERLY MONITORING EVENT
CECOS INTERNATIONAL, INC. - ABER ROAD FACILITY

Location	Detected Constituent ²	Concentration (ug/L)
U-3 ¹	1,1-Dichloroethane	21
	1,2-Dichloroethene (Total)	15
	Vinyl Chloride	1.4
U-4 ¹	1,1-Dichloroethane	6.7
	1,2-Dichloroethene (Total)	26
	Vinyl Chloride	3.2
DUP TSCA #3 (U-4)	1,1-Dichloroethane	6.5
	1,2-Dichloroethene (Total)	26
	Vinyl Chloride	3.3
U-5 ¹	1,1-Dichloroethane	9.4
	1,2-Dichloroethene (Total)	23
U-6 ¹	1,1-Dichloroethane	22
	1,2-Dichloroethene (Total)	14
U-12 ¹	1,2-Dichloroethene (Total)	11

Notes:

¹ Underdrain located beneath units contained within the CMI area slurry wall

² Constituents reported by the laboratory as estimated concentrations ("J") below the practical quantitation limit are not shown, if applicable

APPENDIX A.

**LABORATORY ANALYTICAL REPORT, FIELD
INFORMATION FORMS, AND
CHAIN-OF-CUSTODY RECORDS
JULY 2022 QUARTERLY MONITORING EVENT**



Environment Testing
America



ANALYTICAL REPORT

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-199714-1

Laboratory Sample Delivery Group: TSCA Quarterly Sampling
Client Project/Site: Aber Rd. Landfill-TSCA Quarterly

For:
Republic Services Inc
5092 Aber Road
Williamsburg, Ohio 45176

Attn: Mr. Andrew Thompson

Authorized for release by:

8/4/2022 1:55:49 PM

Brian Fischer, Manager of Project Management

(716)504-9835

Brian.Fischer@et.eurofinsus.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Brian Fischer
Manager of Project Management
8/4/2022 1:55:49 PM

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Definitions/Glossary

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Job ID: 480-199714-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative 480-199714-1

Comments

No additional comments.

Receipt

The samples were received on 7/13/2022 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.9° C.

GC/MS VOA

Method 8260C: Due to the coelution of Ethyl Acetate with 2-Butanone and 2-Chloro-1,3-butadiene with Vinyl acetate in the full spike solution, these analytes exceeded control limits in the laboratory control sample (LCS) and/or laboratory control sample duplicate (LCSD) associated with batch 633389. The following samples were affected : C-6 (480-199714-1), C-9 (480-199714-2), C-10 (480-199714-3), C-12 (480-199714-4) and C-2 (480-199714-5).

Method 8260C: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 480-633389 recovered outside control limits for the following analytes: Acetone . The following samples were affected : C-6 (480-199714-1), C-9 (480-199714-2), C-10 (480-199714-3), C-12 (480-199714-4) and C-2 (480-199714-5).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample Results

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
 SDG: TSCA Quarterly Sampling

Client Sample ID: C-6

Date Collected: 07/11/22 14:10

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199714-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/13/22 19:57	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/13/22 19:57	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/13/22 19:57	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/13/22 19:57	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			07/13/22 19:57	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/13/22 19:57	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/13/22 19:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/13/22 19:57	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/13/22 19:57	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/13/22 19:57	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			07/13/22 19:57	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/13/22 19:57	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/13/22 19:57	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/13/22 19:57	1
1,4-Dioxane	ND		40	9.3	ug/L			07/13/22 19:57	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			07/13/22 19:57	1
Chloroprene	ND		1.0	0.49	ug/L			07/13/22 19:57	1
2-Hexanone	ND		10	1.2	ug/L			07/13/22 19:57	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/13/22 19:57	1
Acetone	5.1 J *1		10	3.0	ug/L			07/13/22 19:57	1
Acetonitrile	ND		170	4.9	ug/L			07/13/22 19:57	1
Acrolein	ND		20	0.91	ug/L			07/13/22 19:57	1
Acrylonitrile	ND		20	0.83	ug/L			07/13/22 19:57	1
Benzene	ND		2.0	0.41	ug/L			07/13/22 19:57	1
Bromoform	ND		2.0	0.26	ug/L			07/13/22 19:57	1
Bromomethane	ND		2.0	0.69	ug/L			07/13/22 19:57	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/13/22 19:57	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/13/22 19:57	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/13/22 19:57	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/13/22 19:57	1
Chloroethane	ND		2.0	0.32	ug/L			07/13/22 19:57	1
Chloroform	ND		2.0	0.34	ug/L			07/13/22 19:57	1
Chloromethane	ND		2.0	0.35	ug/L			07/13/22 19:57	1
Dibromomethane	ND		2.0	0.41	ug/L			07/13/22 19:57	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/13/22 19:57	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/13/22 19:57	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/13/22 19:57	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/13/22 19:57	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/13/22 19:57	1
Iodomethane	ND		2.0	0.30	ug/L			07/13/22 19:57	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/13/22 19:57	1
Methacrylonitrile	ND		10	0.69	ug/L			07/13/22 19:57	1
Methyl methacrylate	ND		10	0.61	ug/L			07/13/22 19:57	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/13/22 19:57	1
Naphthalene	ND		1.0	0.43	ug/L			07/13/22 19:57	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/13/22 19:57	1
Propionitrile	ND		50	5.8	ug/L			07/13/22 19:57	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/13/22 19:57	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/13/22 19:57	1

Eurofins Buffalo

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: C-6

Date Collected: 07/11/22 14:10

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199714-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0	0.51	ug/L			07/13/22 19:57	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/13/22 19:57	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/13/22 19:57	1
Trichloroethene	ND		2.0	0.46	ug/L			07/13/22 19:57	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/13/22 19:57	1
Vinyl acetate	ND *+		10	0.85	ug/L			07/13/22 19:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/13/22 19:57	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/13/22 19:57	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/13/22 19:57	1
Styrene	ND		2.0	0.73	ug/L			07/13/22 19:57	1
Allyl chloride	ND		2.0	0.44	ug/L			07/13/22 19:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		07/13/22 19:57	1
4-Bromofluorobenzene (Surr)	101		73 - 120		07/13/22 19:57	1
Toluene-d8 (Surr)	104		80 - 120		07/13/22 19:57	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		07/14/22 15:43	07/15/22 04:51	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		07/14/22 15:43	07/15/22 04:51	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 14:56	1
PCB-1221	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 14:56	1
PCB-1232	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 14:56	1
PCB-1242	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 14:56	1
PCB-1248	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 14:56	1
PCB-1254	ND		0.50	0.25	ug/L		07/13/22 14:26	07/14/22 14:56	1
PCB-1260	ND		0.50	0.25	ug/L		07/13/22 14:26	07/14/22 14:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	35		19 - 120		07/13/22 14:26	07/14/22 14:56
DCB Decachlorobiphenyl	37		19 - 120		07/13/22 14:26	07/14/22 14:56
Tetrachloro-m-xylene	73		39 - 121		07/13/22 14:26	07/14/22 14:56
Tetrachloro-m-xylene	84		39 - 121		07/13/22 14:26	07/14/22 14:56

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	10.8		1.0	0.43	mg/L			07/14/22 14:42	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.18				SU			07/11/22 14:10	1
Field Conductivity	371.2				umhos/cm			07/11/22 14:10	1
Field Temperature	23.7				Degrees C			07/11/22 14:10	1
Field Turbidity	10.2				NTU			07/11/22 14:10	1

Client Sample Results

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
 SDG: TSCA Quarterly Sampling

Client Sample ID: C-9

Date Collected: 07/11/22 15:09

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199714-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/13/22 20:21	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/13/22 20:21	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/13/22 20:21	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/13/22 20:21	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			07/13/22 20:21	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/13/22 20:21	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/13/22 20:21	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/13/22 20:21	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/13/22 20:21	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/13/22 20:21	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			07/13/22 20:21	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/13/22 20:21	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/13/22 20:21	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/13/22 20:21	1
1,4-Dioxane	ND		40	9.3	ug/L			07/13/22 20:21	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			07/13/22 20:21	1
Chloroprene	ND		1.0	0.49	ug/L			07/13/22 20:21	1
2-Hexanone	ND		10	1.2	ug/L			07/13/22 20:21	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/13/22 20:21	1
Acetone	4.6 J *1		10	3.0	ug/L			07/13/22 20:21	1
Acetonitrile	ND		170	4.9	ug/L			07/13/22 20:21	1
Acrolein	ND		20	0.91	ug/L			07/13/22 20:21	1
Acrylonitrile	ND		20	0.83	ug/L			07/13/22 20:21	1
Benzene	ND		2.0	0.41	ug/L			07/13/22 20:21	1
Bromoform	ND		2.0	0.26	ug/L			07/13/22 20:21	1
Bromomethane	ND		2.0	0.69	ug/L			07/13/22 20:21	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/13/22 20:21	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/13/22 20:21	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/13/22 20:21	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/13/22 20:21	1
Chloroethane	ND		2.0	0.32	ug/L			07/13/22 20:21	1
Chloroform	ND		2.0	0.34	ug/L			07/13/22 20:21	1
Chloromethane	ND		2.0	0.35	ug/L			07/13/22 20:21	1
Dibromomethane	ND		2.0	0.41	ug/L			07/13/22 20:21	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/13/22 20:21	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/13/22 20:21	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/13/22 20:21	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/13/22 20:21	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/13/22 20:21	1
Iodomethane	ND		2.0	0.30	ug/L			07/13/22 20:21	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/13/22 20:21	1
Methacrylonitrile	ND		10	0.69	ug/L			07/13/22 20:21	1
Methyl methacrylate	ND		10	0.61	ug/L			07/13/22 20:21	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/13/22 20:21	1
Naphthalene	ND		1.0	0.43	ug/L			07/13/22 20:21	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/13/22 20:21	1
Propionitrile	ND		50	5.8	ug/L			07/13/22 20:21	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/13/22 20:21	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/13/22 20:21	1

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Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: C-9

Date Collected: 07/11/22 15:09

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199714-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0	0.51	ug/L			07/13/22 20:21	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/13/22 20:21	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/13/22 20:21	1
Trichloroethene	ND		2.0	0.46	ug/L			07/13/22 20:21	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/13/22 20:21	1
Vinyl acetate	ND *+		10	0.85	ug/L			07/13/22 20:21	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/13/22 20:21	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/13/22 20:21	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/13/22 20:21	1
Styrene	ND		2.0	0.73	ug/L			07/13/22 20:21	1
Allyl chloride	ND		2.0	0.44	ug/L			07/13/22 20:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		07/13/22 20:21	1
4-Bromofluorobenzene (Surr)	89		73 - 120		07/13/22 20:21	1
Toluene-d8 (Surr)	97		80 - 120		07/13/22 20:21	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		07/14/22 15:43	07/15/22 05:11	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		07/14/22 15:43	07/15/22 05:11	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 15:09	1
PCB-1221	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 15:09	1
PCB-1232	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 15:09	1
PCB-1242	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 15:09	1
PCB-1248	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 15:09	1
PCB-1254	ND		0.50	0.25	ug/L		07/13/22 14:26	07/14/22 15:09	1
PCB-1260	ND		0.50	0.25	ug/L		07/13/22 14:26	07/14/22 15:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	37		19 - 120		07/13/22 14:26	07/14/22 15:09
DCB Decachlorobiphenyl	41		19 - 120		07/13/22 14:26	07/14/22 15:09
Tetrachloro-m-xylene	70		39 - 121		07/13/22 14:26	07/14/22 15:09
Tetrachloro-m-xylene	78		39 - 121		07/13/22 14:26	07/14/22 15:09

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	9.6		1.0	0.43	mg/L			07/14/22 15:11	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.98				SU			07/11/22 15:09	1
Field Conductivity	455				umhos/cm			07/11/22 15:09	1
Field Temperature	26.4				Degrees C			07/11/22 15:09	1
Field Turbidity	7.91				NTU			07/11/22 15:09	1

Client Sample Results

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
 SDG: TSCA Quarterly Sampling

Client Sample ID: C-10

Date Collected: 07/11/22 15:41

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199714-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/13/22 20:45	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/13/22 20:45	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/13/22 20:45	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/13/22 20:45	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			07/13/22 20:45	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/13/22 20:45	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/13/22 20:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/13/22 20:45	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/13/22 20:45	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/13/22 20:45	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			07/13/22 20:45	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/13/22 20:45	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/13/22 20:45	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/13/22 20:45	1
1,4-Dioxane	ND		40	9.3	ug/L			07/13/22 20:45	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			07/13/22 20:45	1
Chloroprene	ND		1.0	0.49	ug/L			07/13/22 20:45	1
2-Hexanone	ND		10	1.2	ug/L			07/13/22 20:45	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/13/22 20:45	1
Acetone	4.2 J *1		10	3.0	ug/L			07/13/22 20:45	1
Acetonitrile	ND		170	4.9	ug/L			07/13/22 20:45	1
Acrolein	ND		20	0.91	ug/L			07/13/22 20:45	1
Acrylonitrile	ND		20	0.83	ug/L			07/13/22 20:45	1
Benzene	ND		2.0	0.41	ug/L			07/13/22 20:45	1
Bromoform	ND		2.0	0.26	ug/L			07/13/22 20:45	1
Bromomethane	ND		2.0	0.69	ug/L			07/13/22 20:45	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/13/22 20:45	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/13/22 20:45	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/13/22 20:45	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/13/22 20:45	1
Chloroethane	ND		2.0	0.32	ug/L			07/13/22 20:45	1
Chloroform	ND		2.0	0.34	ug/L			07/13/22 20:45	1
Chloromethane	ND		2.0	0.35	ug/L			07/13/22 20:45	1
Dibromomethane	ND		2.0	0.41	ug/L			07/13/22 20:45	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/13/22 20:45	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/13/22 20:45	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/13/22 20:45	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/13/22 20:45	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/13/22 20:45	1
Iodomethane	ND		2.0	0.30	ug/L			07/13/22 20:45	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/13/22 20:45	1
Methacrylonitrile	ND		10	0.69	ug/L			07/13/22 20:45	1
Methyl methacrylate	ND		10	0.61	ug/L			07/13/22 20:45	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/13/22 20:45	1
Naphthalene	ND		1.0	0.43	ug/L			07/13/22 20:45	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/13/22 20:45	1
Propionitrile	ND		50	5.8	ug/L			07/13/22 20:45	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/13/22 20:45	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/13/22 20:45	1

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Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: C-10

Date Collected: 07/11/22 15:41

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199714-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0	0.51	ug/L			07/13/22 20:45	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/13/22 20:45	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/13/22 20:45	1
Trichloroethene	ND		2.0	0.46	ug/L			07/13/22 20:45	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/13/22 20:45	1
Vinyl acetate	ND *+		10	0.85	ug/L			07/13/22 20:45	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/13/22 20:45	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/13/22 20:45	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/13/22 20:45	1
Styrene	ND		2.0	0.73	ug/L			07/13/22 20:45	1
Allyl chloride	ND		2.0	0.44	ug/L			07/13/22 20:45	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		103		77 - 120				07/13/22 20:45	1
4-Bromofluorobenzene (Surr)		103		73 - 120				07/13/22 20:45	1
Toluene-d8 (Surr)		104		80 - 120				07/13/22 20:45	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		07/14/22 15:43	07/15/22 05:31	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		07/14/22 15:43	07/15/22 05:31	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 15:22	1
PCB-1221	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 15:22	1
PCB-1232	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 15:22	1
PCB-1242	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 15:22	1
PCB-1248	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 15:22	1
PCB-1254	ND		0.50	0.25	ug/L		07/13/22 14:26	07/14/22 15:22	1
PCB-1260	ND		0.50	0.25	ug/L		07/13/22 14:26	07/14/22 15:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	33		19 - 120		07/13/22 14:26	07/14/22 15:22
DCB Decachlorobiphenyl	36		19 - 120		07/13/22 14:26	07/14/22 15:22
Tetrachloro-m-xylene	70		39 - 121		07/13/22 14:26	07/14/22 15:22
Tetrachloro-m-xylene	79		39 - 121		07/13/22 14:26	07/14/22 15:22

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	9.6		1.0	0.43	mg/L			07/14/22 15:41	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.86				SU			07/11/22 15:41	1
Field Conductivity	416				umhos/cm			07/11/22 15:41	1
Field Temperature	20.7				Degrees C			07/11/22 15:41	1
Field Turbidity	6.71				NTU			07/11/22 15:41	1

Client Sample Results

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
 SDG: TSCA Quarterly Sampling

Client Sample ID: C-12

Date Collected: 07/11/22 15:23

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199714-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/13/22 21:09	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/13/22 21:09	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/13/22 21:09	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/13/22 21:09	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			07/13/22 21:09	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/13/22 21:09	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/13/22 21:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/13/22 21:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/13/22 21:09	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/13/22 21:09	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			07/13/22 21:09	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/13/22 21:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/13/22 21:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/13/22 21:09	1
1,4-Dioxane	ND		40	9.3	ug/L			07/13/22 21:09	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			07/13/22 21:09	1
Chloroprene	ND		1.0	0.49	ug/L			07/13/22 21:09	1
2-Hexanone	ND		10	1.2	ug/L			07/13/22 21:09	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/13/22 21:09	1
Acetone	3.5 J *1		10	3.0	ug/L			07/13/22 21:09	1
Acetonitrile	ND		170	4.9	ug/L			07/13/22 21:09	1
Acrolein	ND		20	0.91	ug/L			07/13/22 21:09	1
Acrylonitrile	ND		20	0.83	ug/L			07/13/22 21:09	1
Benzene	ND		2.0	0.41	ug/L			07/13/22 21:09	1
Bromoform	ND		2.0	0.26	ug/L			07/13/22 21:09	1
Bromomethane	ND		2.0	0.69	ug/L			07/13/22 21:09	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/13/22 21:09	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/13/22 21:09	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/13/22 21:09	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/13/22 21:09	1
Chloroethane	ND		2.0	0.32	ug/L			07/13/22 21:09	1
Chloroform	ND		2.0	0.34	ug/L			07/13/22 21:09	1
Chloromethane	ND		2.0	0.35	ug/L			07/13/22 21:09	1
Dibromomethane	ND		2.0	0.41	ug/L			07/13/22 21:09	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/13/22 21:09	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/13/22 21:09	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/13/22 21:09	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/13/22 21:09	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/13/22 21:09	1
Iodomethane	ND		2.0	0.30	ug/L			07/13/22 21:09	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/13/22 21:09	1
Methacrylonitrile	ND		10	0.69	ug/L			07/13/22 21:09	1
Methyl methacrylate	ND		10	0.61	ug/L			07/13/22 21:09	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/13/22 21:09	1
Naphthalene	ND		1.0	0.43	ug/L			07/13/22 21:09	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/13/22 21:09	1
Propionitrile	ND		50	5.8	ug/L			07/13/22 21:09	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/13/22 21:09	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/13/22 21:09	1

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Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: C-12

Date Collected: 07/11/22 15:23

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199714-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0	0.51	ug/L			07/13/22 21:09	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/13/22 21:09	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/13/22 21:09	1
Trichloroethene	ND		2.0	0.46	ug/L			07/13/22 21:09	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/13/22 21:09	1
Vinyl acetate	ND *+		10	0.85	ug/L			07/13/22 21:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/13/22 21:09	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/13/22 21:09	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/13/22 21:09	1
Styrene	ND		2.0	0.73	ug/L			07/13/22 21:09	1
Allyl chloride	ND		2.0	0.44	ug/L			07/13/22 21:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		07/13/22 21:09	1
4-Bromofluorobenzene (Surr)	95		73 - 120		07/13/22 21:09	1
Toluene-d8 (Surr)	101		80 - 120		07/13/22 21:09	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L		07/14/22 15:43	07/15/22 05:51	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		07/14/22 15:43	07/15/22 05:51	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 15:36	1
PCB-1221	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 15:36	1
PCB-1232	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 15:36	1
PCB-1242	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 15:36	1
PCB-1248	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 15:36	1
PCB-1254	ND		0.50	0.25	ug/L		07/13/22 14:26	07/14/22 15:36	1
PCB-1260	ND		0.50	0.25	ug/L		07/13/22 14:26	07/14/22 15:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	45		19 - 120		07/13/22 14:26	07/14/22 15:36
DCB Decachlorobiphenyl	48		19 - 120		07/13/22 14:26	07/14/22 15:36
Tetrachloro-m-xylene	66		39 - 121		07/13/22 14:26	07/14/22 15:36
Tetrachloro-m-xylene	78		39 - 121		07/13/22 14:26	07/14/22 15:36

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	5.2		1.0	0.43	mg/L			07/14/22 16:10	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	9.09				SU			07/11/22 15:23	1
Field Conductivity	407				umhos/cm			07/11/22 15:23	1
Field Temperature	22.0				Degrees C			07/11/22 15:23	1
Field Turbidity	6.88				NTU			07/11/22 15:23	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Client Sample ID: C-2

Date Collected: 07/11/22 14:40

Lab Sample ID: 480-199714-5

Date Received: 07/13/22 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/13/22 21:33	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/13/22 21:33	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/13/22 21:33	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/13/22 21:33	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			07/13/22 21:33	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/13/22 21:33	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/13/22 21:33	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/13/22 21:33	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/13/22 21:33	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/13/22 21:33	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			07/13/22 21:33	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/13/22 21:33	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/13/22 21:33	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/13/22 21:33	1
1,4-Dioxane	ND		40	9.3	ug/L			07/13/22 21:33	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			07/13/22 21:33	1
Chloroprene	ND		1.0	0.49	ug/L			07/13/22 21:33	1
2-Hexanone	ND		10	1.2	ug/L			07/13/22 21:33	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/13/22 21:33	1
Acetone	ND	*1	10	3.0	ug/L			07/13/22 21:33	1
Acetonitrile	ND		170	4.9	ug/L			07/13/22 21:33	1
Acrolein	ND		20	0.91	ug/L			07/13/22 21:33	1
Acrylonitrile	ND		20	0.83	ug/L			07/13/22 21:33	1
Benzene	ND		2.0	0.41	ug/L			07/13/22 21:33	1
Bromoform	ND		2.0	0.26	ug/L			07/13/22 21:33	1
Bromomethane	ND		2.0	0.69	ug/L			07/13/22 21:33	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/13/22 21:33	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/13/22 21:33	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/13/22 21:33	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/13/22 21:33	1
Chloroethane	ND		2.0	0.32	ug/L			07/13/22 21:33	1
Chloroform	ND		2.0	0.34	ug/L			07/13/22 21:33	1
Chloromethane	ND		2.0	0.35	ug/L			07/13/22 21:33	1
Dibromomethane	ND		2.0	0.41	ug/L			07/13/22 21:33	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/13/22 21:33	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/13/22 21:33	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/13/22 21:33	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/13/22 21:33	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/13/22 21:33	1
Iodomethane	ND		2.0	0.30	ug/L			07/13/22 21:33	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/13/22 21:33	1
Methacrylonitrile	ND		10	0.69	ug/L			07/13/22 21:33	1
Methyl methacrylate	ND		10	0.61	ug/L			07/13/22 21:33	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/13/22 21:33	1
Naphthalene	ND		1.0	0.43	ug/L			07/13/22 21:33	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/13/22 21:33	1
Propionitrile	ND		50	5.8	ug/L			07/13/22 21:33	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/13/22 21:33	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/13/22 21:33	1

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Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: C-2

Date Collected: 07/11/22 14:40

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199714-5

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0	0.51	ug/L			07/13/22 21:33	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/13/22 21:33	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/13/22 21:33	1
Trichloroethene	ND		2.0	0.46	ug/L			07/13/22 21:33	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/13/22 21:33	1
Vinyl acetate	ND *+		10	0.85	ug/L			07/13/22 21:33	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/13/22 21:33	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/13/22 21:33	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/13/22 21:33	1
Styrene	ND		2.0	0.73	ug/L			07/13/22 21:33	1
Allyl chloride	ND		2.0	0.44	ug/L			07/13/22 21:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		07/13/22 21:33	1
4-Bromofluorobenzene (Surr)	97		73 - 120		07/13/22 21:33	1
Toluene-d8 (Surr)	101		80 - 120		07/13/22 21:33	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		07/14/22 15:43	07/15/22 06:11	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		07/14/22 15:43	07/15/22 06:11	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 15:49	1
PCB-1221	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 15:49	1
PCB-1232	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 15:49	1
PCB-1242	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 15:49	1
PCB-1248	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 15:49	1
PCB-1254	ND		0.50	0.25	ug/L		07/13/22 14:26	07/14/22 15:49	1
PCB-1260	ND		0.50	0.25	ug/L		07/13/22 14:26	07/14/22 15:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	40		19 - 120		07/13/22 14:26	07/14/22 15:49
DCB Decachlorobiphenyl	44		19 - 120		07/13/22 14:26	07/14/22 15:49
Tetrachloro-m-xylene	65		39 - 121		07/13/22 14:26	07/14/22 15:49
Tetrachloro-m-xylene	78		39 - 121		07/13/22 14:26	07/14/22 15:49

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	6.2		1.0	0.43	mg/L			07/14/22 16:39	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	8.26				SU			07/11/22 14:40	1
Field Conductivity	470				umhos/cm			07/11/22 14:40	1
Field Temperature	26.2				Degrees C			07/11/22 14:40	1
Field Turbidity	8.06				NTU			07/11/22 14:40	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1

SDG: TSCA Quarterly Sampling

Client Sample ID: U-15

Date Collected: 07/11/22 10:22

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/14/22 13:34	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/14/22 13:34	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/14/22 13:34	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/14/22 13:34	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			07/14/22 13:34	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/14/22 13:34	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/14/22 13:34	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/14/22 13:34	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/14/22 13:34	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/14/22 13:34	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			07/14/22 13:34	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/14/22 13:34	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/14/22 13:34	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/14/22 13:34	1
1,4-Dioxane	ND *1		40	9.3	ug/L			07/14/22 13:34	1
2-Butanone (MEK)	ND *+		10	1.3	ug/L			07/14/22 13:34	1
2-Hexanone	ND		10	1.2	ug/L			07/14/22 13:34	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/14/22 13:34	1
Acetone	ND *1		10	3.0	ug/L			07/14/22 13:34	1
Acetonitrile	ND *1		170	4.9	ug/L			07/14/22 13:34	1
Acrolein	ND		20	0.91	ug/L			07/14/22 13:34	1
Acrylonitrile	ND		20	0.83	ug/L			07/14/22 13:34	1
Allyl chloride	ND		2.0	0.44	ug/L			07/14/22 13:34	1
Benzene	ND		2.0	0.41	ug/L			07/14/22 13:34	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/14/22 13:34	1
Bromoform	ND		2.0	0.26	ug/L			07/14/22 13:34	1
Bromomethane	ND		2.0	0.69	ug/L			07/14/22 13:34	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/14/22 13:34	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/14/22 13:34	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/14/22 13:34	1
Chloroethane	ND		2.0	0.32	ug/L			07/14/22 13:34	1
Chloroform	ND		2.0	0.34	ug/L			07/14/22 13:34	1
Chloromethane	ND		2.0	0.35	ug/L			07/14/22 13:34	1
Chloroprene	ND		1.0	0.49	ug/L			07/14/22 13:34	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/14/22 13:34	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/14/22 13:34	1
Dibromomethane	ND		2.0	0.41	ug/L			07/14/22 13:34	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/14/22 13:34	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/14/22 13:34	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/14/22 13:34	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/14/22 13:34	1
Iodomethane	ND		2.0	0.30	ug/L			07/14/22 13:34	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/14/22 13:34	1
Methacrylonitrile	ND		10	0.69	ug/L			07/14/22 13:34	1
Methyl methacrylate	ND		10	0.61	ug/L			07/14/22 13:34	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/14/22 13:34	1
Naphthalene	ND		1.0	0.43	ug/L			07/14/22 13:34	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/14/22 13:34	1
Propionitrile	ND		50	5.8	ug/L			07/14/22 13:34	1

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Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: U-15

Date Collected: 07/11/22 10:22

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			07/14/22 13:34	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/14/22 13:34	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/14/22 13:34	1
Toluene	ND		2.0	0.51	ug/L			07/14/22 13:34	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/14/22 13:34	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/14/22 13:34	1
Trichloroethene	ND		2.0	0.46	ug/L			07/14/22 13:34	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/14/22 13:34	1
Vinyl acetate	ND	*+	10	0.85	ug/L			07/14/22 13:34	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/14/22 13:34	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/14/22 13:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		07/14/22 13:34	1
4-Bromofluorobenzene (Surr)	100		73 - 120		07/14/22 13:34	1
Toluene-d8 (Surr)	102		80 - 120		07/14/22 13:34	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		07/14/22 15:43	07/15/22 06:30	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		07/14/22 15:43	07/15/22 06:30	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 16:03	1
PCB-1221	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 16:03	1
PCB-1232	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 16:03	1
PCB-1242	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 16:03	1
PCB-1248	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 16:03	1
PCB-1254	ND		0.50	0.25	ug/L		07/13/22 14:26	07/14/22 16:03	1
PCB-1260	ND		0.50	0.25	ug/L		07/13/22 14:26	07/14/22 16:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	46		19 - 120		07/13/22 14:26	07/14/22 16:03
DCB Decachlorobiphenyl	50		19 - 120		07/13/22 14:26	07/14/22 16:03
Tetrachloro-m-xylene	75		39 - 121		07/13/22 14:26	07/14/22 16:03
Tetrachloro-m-xylene	89		39 - 121		07/13/22 14:26	07/14/22 16:03

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.7	F1	1.0	0.43	mg/L			07/14/22 20:01	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.52				SU			07/11/22 10:22	1
Field Conductivity	2600				umhos/cm			07/11/22 10:22	1
Field Temperature	14.4				Degrees C			07/11/22 10:22	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1

SDG: TSCA Quarterly Sampling

Client Sample ID: U-17

Date Collected: 07/11/22 10:47

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/14/22 13:58	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/14/22 13:58	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/14/22 13:58	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/14/22 13:58	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			07/14/22 13:58	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/14/22 13:58	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/14/22 13:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/14/22 13:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/14/22 13:58	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/14/22 13:58	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			07/14/22 13:58	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/14/22 13:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/14/22 13:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/14/22 13:58	1
1,4-Dioxane	ND *1		40	9.3	ug/L			07/14/22 13:58	1
2-Butanone (MEK)	ND *+		10	1.3	ug/L			07/14/22 13:58	1
2-Hexanone	ND		10	1.2	ug/L			07/14/22 13:58	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/14/22 13:58	1
Acetone	ND *1		10	3.0	ug/L			07/14/22 13:58	1
Acetonitrile	ND *1		170	4.9	ug/L			07/14/22 13:58	1
Acrolein	ND		20	0.91	ug/L			07/14/22 13:58	1
Acrylonitrile	ND		20	0.83	ug/L			07/14/22 13:58	1
Allyl chloride	ND		2.0	0.44	ug/L			07/14/22 13:58	1
Benzene	ND		2.0	0.41	ug/L			07/14/22 13:58	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/14/22 13:58	1
Bromoform	ND		2.0	0.26	ug/L			07/14/22 13:58	1
Bromomethane	ND		2.0	0.69	ug/L			07/14/22 13:58	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/14/22 13:58	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/14/22 13:58	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/14/22 13:58	1
Chloroethane	ND		2.0	0.32	ug/L			07/14/22 13:58	1
Chloroform	ND		2.0	0.34	ug/L			07/14/22 13:58	1
Chloromethane	ND		2.0	0.35	ug/L			07/14/22 13:58	1
Chloroprene	ND		1.0	0.49	ug/L			07/14/22 13:58	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/14/22 13:58	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/14/22 13:58	1
Dibromomethane	ND		2.0	0.41	ug/L			07/14/22 13:58	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/14/22 13:58	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/14/22 13:58	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/14/22 13:58	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/14/22 13:58	1
Iodomethane	ND		2.0	0.30	ug/L			07/14/22 13:58	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/14/22 13:58	1
Methacrylonitrile	ND		10	0.69	ug/L			07/14/22 13:58	1
Methyl methacrylate	ND		10	0.61	ug/L			07/14/22 13:58	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/14/22 13:58	1
Naphthalene	ND		1.0	0.43	ug/L			07/14/22 13:58	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/14/22 13:58	1
Propionitrile	ND		50	5.8	ug/L			07/14/22 13:58	1

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Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: U-17

Date Collected: 07/11/22 10:47

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			07/14/22 13:58	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/14/22 13:58	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/14/22 13:58	1
Toluene	ND		2.0	0.51	ug/L			07/14/22 13:58	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/14/22 13:58	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/14/22 13:58	1
Trichloroethene	ND		2.0	0.46	ug/L			07/14/22 13:58	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/14/22 13:58	1
Vinyl acetate	ND	*+	10	0.85	ug/L			07/14/22 13:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/14/22 13:58	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/14/22 13:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		07/14/22 13:58	1
4-Bromofluorobenzene (Surr)	100		73 - 120		07/14/22 13:58	1
Toluene-d8 (Surr)	101		80 - 120		07/14/22 13:58	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		07/14/22 15:43	07/15/22 07:10	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		07/14/22 15:43	07/15/22 07:10	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 16:16	1
PCB-1221	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 16:16	1
PCB-1232	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 16:16	1
PCB-1242	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 16:16	1
PCB-1248	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 16:16	1
PCB-1254	ND		0.50	0.25	ug/L		07/13/22 14:26	07/14/22 16:16	1
PCB-1260	ND		0.50	0.25	ug/L		07/13/22 14:26	07/14/22 16:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	62		19 - 120		07/13/22 14:26	07/14/22 16:16
DCB Decachlorobiphenyl	68		19 - 120		07/13/22 14:26	07/14/22 16:16
Tetrachloro-m-xylene	74		39 - 121		07/13/22 14:26	07/14/22 16:16
Tetrachloro-m-xylene	89		39 - 121		07/13/22 14:26	07/14/22 16:16

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.4		1.0	0.43	mg/L			07/14/22 21:28	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.87				SU			07/11/22 10:47	1
Field Conductivity	2050				umhos/cm			07/11/22 10:47	1
Field Temperature	14.7				Degrees C			07/11/22 10:47	1

Client Sample Results

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1

SDG: TSCA Quarterly Sampling

Client Sample ID: U-16

Date Collected: 07/11/22 11:26

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/14/22 14:22	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/14/22 14:22	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/14/22 14:22	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/14/22 14:22	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			07/14/22 14:22	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/14/22 14:22	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/14/22 14:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/14/22 14:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/14/22 14:22	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/14/22 14:22	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			07/14/22 14:22	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/14/22 14:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/14/22 14:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/14/22 14:22	1
1,4-Dioxane	ND *1		40	9.3	ug/L			07/14/22 14:22	1
2-Butanone (MEK)	ND *+		10	1.3	ug/L			07/14/22 14:22	1
2-Hexanone	ND		10	1.2	ug/L			07/14/22 14:22	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/14/22 14:22	1
Acetone	ND *1		10	3.0	ug/L			07/14/22 14:22	1
Acetonitrile	ND *1		170	4.9	ug/L			07/14/22 14:22	1
Acrolein	ND		20	0.91	ug/L			07/14/22 14:22	1
Acrylonitrile	ND		20	0.83	ug/L			07/14/22 14:22	1
Allyl chloride	ND		2.0	0.44	ug/L			07/14/22 14:22	1
Benzene	ND		2.0	0.41	ug/L			07/14/22 14:22	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/14/22 14:22	1
Bromoform	ND		2.0	0.26	ug/L			07/14/22 14:22	1
Bromomethane	ND		2.0	0.69	ug/L			07/14/22 14:22	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/14/22 14:22	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/14/22 14:22	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/14/22 14:22	1
Chloroethane	ND		2.0	0.32	ug/L			07/14/22 14:22	1
Chloroform	ND		2.0	0.34	ug/L			07/14/22 14:22	1
Chloromethane	ND		2.0	0.35	ug/L			07/14/22 14:22	1
Chloroprene	ND		1.0	0.49	ug/L			07/14/22 14:22	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/14/22 14:22	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/14/22 14:22	1
Dibromomethane	ND		2.0	0.41	ug/L			07/14/22 14:22	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/14/22 14:22	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/14/22 14:22	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/14/22 14:22	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/14/22 14:22	1
Iodomethane	ND		2.0	0.30	ug/L			07/14/22 14:22	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/14/22 14:22	1
Methacrylonitrile	ND		10	0.69	ug/L			07/14/22 14:22	1
Methyl methacrylate	ND		10	0.61	ug/L			07/14/22 14:22	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/14/22 14:22	1
Naphthalene	ND		1.0	0.43	ug/L			07/14/22 14:22	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/14/22 14:22	1
Propionitrile	ND		50	5.8	ug/L			07/14/22 14:22	1

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Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: U-16

Date Collected: 07/11/22 11:26

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			07/14/22 14:22	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/14/22 14:22	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/14/22 14:22	1
Toluene	ND		2.0	0.51	ug/L			07/14/22 14:22	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/14/22 14:22	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/14/22 14:22	1
Trichloroethene	ND		2.0	0.46	ug/L			07/14/22 14:22	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/14/22 14:22	1
Vinyl acetate	ND	*+	10	0.85	ug/L			07/14/22 14:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/14/22 14:22	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/14/22 14:22	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		101		77 - 120				07/14/22 14:22	1
4-Bromofluorobenzene (Surr)		95		73 - 120				07/14/22 14:22	1
Toluene-d8 (Surr)		98		80 - 120				07/14/22 14:22	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L		07/14/22 15:43	07/15/22 07:30	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		07/14/22 15:43	07/15/22 07:30	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 16:29	1
PCB-1221	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 16:29	1
PCB-1232	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 16:29	1
PCB-1242	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 16:29	1
PCB-1248	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 16:29	1
PCB-1254	ND		0.50	0.25	ug/L		07/13/22 14:26	07/14/22 16:29	1
PCB-1260	ND		0.50	0.25	ug/L		07/13/22 14:26	07/14/22 16:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	48		19 - 120		07/13/22 14:26	07/14/22 16:29
DCB Decachlorobiphenyl	53		19 - 120		07/13/22 14:26	07/14/22 16:29
Tetrachloro-m-xylene	72		39 - 121		07/13/22 14:26	07/14/22 16:29
Tetrachloro-m-xylene	87		39 - 121		07/13/22 14:26	07/14/22 16:29

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.8		1.0	0.43	mg/L			07/14/22 21:57	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.69				SU			07/11/22 11:26	1
Field Conductivity	2520				umhos/cm			07/11/22 11:26	1
Field Temperature	14.6				Degrees C			07/11/22 11:26	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: U-18

Date Collected: 07/11/22 11:50

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/15/22 01:32	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/15/22 01:32	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/15/22 01:32	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/15/22 01:32	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			07/15/22 01:32	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/15/22 01:32	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/15/22 01:32	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/15/22 01:32	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/15/22 01:32	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/15/22 01:32	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			07/15/22 01:32	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/15/22 01:32	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/15/22 01:32	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/15/22 01:32	1
1,4-Dioxane	ND		40	9.3	ug/L			07/15/22 01:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/15/22 01:32	1
2-Hexanone	ND		10	1.2	ug/L			07/15/22 01:32	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/15/22 01:32	1
Acetone	ND		10	3.0	ug/L			07/15/22 01:32	1
Acetonitrile	ND		170	4.9	ug/L			07/15/22 01:32	1
Acrolein	ND		20	0.91	ug/L			07/15/22 01:32	1
Acrylonitrile	ND		20	0.83	ug/L			07/15/22 01:32	1
Allyl chloride	ND		2.0	0.44	ug/L			07/15/22 01:32	1
Benzene	ND		2.0	0.41	ug/L			07/15/22 01:32	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/15/22 01:32	1
Bromoform	ND		2.0	0.26	ug/L			07/15/22 01:32	1
Bromomethane	ND		2.0	0.69	ug/L			07/15/22 01:32	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/15/22 01:32	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/15/22 01:32	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/15/22 01:32	1
Chloroethane	ND		2.0	0.32	ug/L			07/15/22 01:32	1
Chloroform	ND		2.0	0.34	ug/L			07/15/22 01:32	1
Chloromethane	ND		2.0	0.35	ug/L			07/15/22 01:32	1
Chloroprene	ND		1.0	0.49	ug/L			07/15/22 01:32	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/15/22 01:32	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/15/22 01:32	1
Dibromomethane	ND		2.0	0.41	ug/L			07/15/22 01:32	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/15/22 01:32	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/15/22 01:32	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/15/22 01:32	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/15/22 01:32	1
Iodomethane	ND *-*1		2.0	0.30	ug/L			07/15/22 01:32	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/15/22 01:32	1
Methacrylonitrile	ND		10	0.69	ug/L			07/15/22 01:32	1
Methyl methacrylate	ND		10	0.61	ug/L			07/15/22 01:32	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/15/22 01:32	1
Naphthalene	ND		1.0	0.43	ug/L			07/15/22 01:32	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/15/22 01:32	1
Propionitrile	ND		50	5.8	ug/L			07/15/22 01:32	1

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Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: U-18

Date Collected: 07/11/22 11:50

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			07/15/22 01:32	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/15/22 01:32	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/15/22 01:32	1
Toluene	ND		2.0	0.51	ug/L			07/15/22 01:32	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/15/22 01:32	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/15/22 01:32	1
Trichloroethene	ND		2.0	0.46	ug/L			07/15/22 01:32	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/15/22 01:32	1
Vinyl acetate	ND		10	0.85	ug/L			07/15/22 01:32	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/15/22 01:32	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/15/22 01:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		07/15/22 01:32	1
4-Bromofluorobenzene (Surr)	101		73 - 120		07/15/22 01:32	1
Toluene-d8 (Surr)	100		80 - 120		07/15/22 01:32	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0078	ug/L		07/14/22 15:43	07/15/22 07:50	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0059	ug/L		07/14/22 15:43	07/15/22 07:50	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 16:43	1
PCB-1221	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 16:43	1
PCB-1232	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 16:43	1
PCB-1242	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 16:43	1
PCB-1248	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 16:43	1
PCB-1254	ND		0.50	0.25	ug/L		07/13/22 14:26	07/14/22 16:43	1
PCB-1260	ND		0.50	0.25	ug/L		07/13/22 14:26	07/14/22 16:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	56		19 - 120		07/13/22 14:26	07/14/22 16:43
DCB Decachlorobiphenyl	62		19 - 120		07/13/22 14:26	07/14/22 16:43
Tetrachloro-m-xylene	80		39 - 121		07/13/22 14:26	07/14/22 16:43
Tetrachloro-m-xylene	96		39 - 121		07/13/22 14:26	07/14/22 16:43

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.5		1.0	0.43	mg/L			07/14/22 22:26	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.84				SU			07/11/22 11:50	1
Field Conductivity	1790				umhos/cm			07/11/22 11:50	1
Field Temperature	14.7				Degrees C			07/11/22 11:50	1

Client Sample Results

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
 SDG: TSCA Quarterly Sampling

Client Sample ID: U-22A

Date Collected: 07/11/22 12:29

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-5

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/15/22 01:56	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/15/22 01:56	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/15/22 01:56	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/15/22 01:56	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			07/15/22 01:56	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/15/22 01:56	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/15/22 01:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/15/22 01:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/15/22 01:56	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/15/22 01:56	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			07/15/22 01:56	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/15/22 01:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/15/22 01:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/15/22 01:56	1
1,4-Dioxane	ND		40	9.3	ug/L			07/15/22 01:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/15/22 01:56	1
2-Hexanone	ND		10	1.2	ug/L			07/15/22 01:56	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/15/22 01:56	1
Acetone	ND		10	3.0	ug/L			07/15/22 01:56	1
Acetonitrile	ND		170	4.9	ug/L			07/15/22 01:56	1
Acrolein	ND		20	0.91	ug/L			07/15/22 01:56	1
Acrylonitrile	ND		20	0.83	ug/L			07/15/22 01:56	1
Allyl chloride	ND		2.0	0.44	ug/L			07/15/22 01:56	1
Benzene	ND		2.0	0.41	ug/L			07/15/22 01:56	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/15/22 01:56	1
Bromoform	ND		2.0	0.26	ug/L			07/15/22 01:56	1
Bromomethane	ND		2.0	0.69	ug/L			07/15/22 01:56	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/15/22 01:56	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/15/22 01:56	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/15/22 01:56	1
Chloroethane	ND		2.0	0.32	ug/L			07/15/22 01:56	1
Chloroform	ND		2.0	0.34	ug/L			07/15/22 01:56	1
Chloromethane	ND		2.0	0.35	ug/L			07/15/22 01:56	1
Chloroprene	ND		1.0	0.49	ug/L			07/15/22 01:56	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/15/22 01:56	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/15/22 01:56	1
Dibromomethane	ND		2.0	0.41	ug/L			07/15/22 01:56	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/15/22 01:56	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/15/22 01:56	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/15/22 01:56	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/15/22 01:56	1
Iodomethane	ND *-*1		2.0	0.30	ug/L			07/15/22 01:56	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/15/22 01:56	1
Methacrylonitrile	ND		10	0.69	ug/L			07/15/22 01:56	1
Methyl methacrylate	ND		10	0.61	ug/L			07/15/22 01:56	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/15/22 01:56	1
Naphthalene	ND		1.0	0.43	ug/L			07/15/22 01:56	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/15/22 01:56	1
Propionitrile	ND		50	5.8	ug/L			07/15/22 01:56	1

Eurofins Buffalo

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: U-22A

Date Collected: 07/11/22 12:29

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-5

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			07/15/22 01:56	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/15/22 01:56	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/15/22 01:56	1
Toluene	ND		2.0	0.51	ug/L			07/15/22 01:56	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/15/22 01:56	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/15/22 01:56	1
Trichloroethene	ND		2.0	0.46	ug/L			07/15/22 01:56	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/15/22 01:56	1
Vinyl acetate	ND		10	0.85	ug/L			07/15/22 01:56	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/15/22 01:56	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/15/22 01:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		07/15/22 01:56	1
4-Bromofluorobenzene (Surr)	96		73 - 120		07/15/22 01:56	1
Toluene-d8 (Surr)	101		80 - 120		07/15/22 01:56	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		07/14/22 15:43	07/15/22 08:10	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L		07/14/22 15:43	07/15/22 08:10	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 16:56	1
PCB-1221	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 16:56	1
PCB-1232	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 16:56	1
PCB-1242	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 16:56	1
PCB-1248	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 16:56	1
PCB-1254	ND		0.50	0.25	ug/L		07/13/22 14:26	07/14/22 16:56	1
PCB-1260	ND		0.50	0.25	ug/L		07/13/22 14:26	07/14/22 16:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	47		19 - 120		07/13/22 14:26	07/14/22 16:56
DCB Decachlorobiphenyl	52		19 - 120		07/13/22 14:26	07/14/22 16:56
Tetrachloro-m-xylene	78		39 - 121		07/13/22 14:26	07/14/22 16:56
Tetrachloro-m-xylene	93		39 - 121		07/13/22 14:26	07/14/22 16:56

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	4.5		1.0	0.43	mg/L			07/14/22 22:55	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.81				SU			07/11/22 12:29	1
Field Conductivity	1962				umhos/cm			07/11/22 12:29	1
Field Temperature	14.8				Degrees C			07/11/22 12:29	1

Client Sample Results

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
 SDG: TSCA Quarterly Sampling

Client Sample ID: U-21A

Date Collected: 07/11/22 12:59

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-6

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/15/22 02:19	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/15/22 02:19	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/15/22 02:19	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/15/22 02:19	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			07/15/22 02:19	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/15/22 02:19	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/15/22 02:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/15/22 02:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/15/22 02:19	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/15/22 02:19	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			07/15/22 02:19	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/15/22 02:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/15/22 02:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/15/22 02:19	1
1,4-Dioxane	ND		40	9.3	ug/L			07/15/22 02:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/15/22 02:19	1
2-Hexanone	ND		10	1.2	ug/L			07/15/22 02:19	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/15/22 02:19	1
Acetone	ND		10	3.0	ug/L			07/15/22 02:19	1
Acetonitrile	ND		170	4.9	ug/L			07/15/22 02:19	1
Acrolein	ND		20	0.91	ug/L			07/15/22 02:19	1
Acrylonitrile	ND		20	0.83	ug/L			07/15/22 02:19	1
Allyl chloride	ND		2.0	0.44	ug/L			07/15/22 02:19	1
Benzene	ND		2.0	0.41	ug/L			07/15/22 02:19	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/15/22 02:19	1
Bromoform	ND		2.0	0.26	ug/L			07/15/22 02:19	1
Bromomethane	ND		2.0	0.69	ug/L			07/15/22 02:19	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/15/22 02:19	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/15/22 02:19	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/15/22 02:19	1
Chloroethane	ND		2.0	0.32	ug/L			07/15/22 02:19	1
Chloroform	ND		2.0	0.34	ug/L			07/15/22 02:19	1
Chloromethane	ND		2.0	0.35	ug/L			07/15/22 02:19	1
Chloroprene	ND		1.0	0.49	ug/L			07/15/22 02:19	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/15/22 02:19	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/15/22 02:19	1
Dibromomethane	ND		2.0	0.41	ug/L			07/15/22 02:19	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/15/22 02:19	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/15/22 02:19	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/15/22 02:19	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/15/22 02:19	1
Iodomethane	ND *-*1		2.0	0.30	ug/L			07/15/22 02:19	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/15/22 02:19	1
Methacrylonitrile	ND		10	0.69	ug/L			07/15/22 02:19	1
Methyl methacrylate	ND		10	0.61	ug/L			07/15/22 02:19	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/15/22 02:19	1
Naphthalene	ND		1.0	0.43	ug/L			07/15/22 02:19	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/15/22 02:19	1
Propionitrile	ND		50	5.8	ug/L			07/15/22 02:19	1

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Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: U-21A

Date Collected: 07/11/22 12:59

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-6

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			07/15/22 02:19	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/15/22 02:19	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/15/22 02:19	1
Toluene	ND		2.0	0.51	ug/L			07/15/22 02:19	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/15/22 02:19	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/15/22 02:19	1
Trichloroethene	ND		2.0	0.46	ug/L			07/15/22 02:19	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/15/22 02:19	1
Vinyl acetate	ND		10	0.85	ug/L			07/15/22 02:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/15/22 02:19	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/15/22 02:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		07/15/22 02:19	1
4-Bromofluorobenzene (Surr)	100		73 - 120		07/15/22 02:19	1
Toluene-d8 (Surr)	99		80 - 120		07/15/22 02:19	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L			07/15/22 08:29	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L			07/15/22 08:29	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			07/14/22 14:26	1
PCB-1221	ND		0.50	0.18	ug/L			07/14/22 14:26	1
PCB-1232	ND		0.50	0.18	ug/L			07/14/22 14:26	1
PCB-1242	ND		0.50	0.18	ug/L			07/14/22 14:26	1
PCB-1248	ND		0.50	0.18	ug/L			07/14/22 14:26	1
PCB-1254	ND		0.50	0.25	ug/L			07/14/22 14:26	1
PCB-1260	ND		0.50	0.25	ug/L			07/14/22 14:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	55		19 - 120		07/13/22 14:26	1
DCB Decachlorobiphenyl	61		19 - 120		07/13/22 14:26	1
Tetrachloro-m-xylene	68		39 - 121		07/13/22 14:26	1
Tetrachloro-m-xylene	80		39 - 121		07/13/22 14:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.1		1.0	0.43	mg/L			07/15/22 00:52	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.19				SU			07/11/22 12:59	1
Field Conductivity	1113				umhos/cm			07/11/22 12:59	1
Field Temperature	14.6				Degrees C			07/11/22 12:59	1

Client Sample Results

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1

SDG: TSCA Quarterly Sampling

Client Sample ID: U-21

Date Collected: 07/11/22 13:52

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-7

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/15/22 02:43	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/15/22 02:43	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/15/22 02:43	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/15/22 02:43	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			07/15/22 02:43	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/15/22 02:43	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/15/22 02:43	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/15/22 02:43	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/15/22 02:43	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/15/22 02:43	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			07/15/22 02:43	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/15/22 02:43	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/15/22 02:43	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/15/22 02:43	1
1,4-Dioxane	ND		40	9.3	ug/L			07/15/22 02:43	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/15/22 02:43	1
2-Hexanone	ND		10	1.2	ug/L			07/15/22 02:43	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/15/22 02:43	1
Acetone	ND		10	3.0	ug/L			07/15/22 02:43	1
Acetonitrile	ND		170	4.9	ug/L			07/15/22 02:43	1
Acrolein	ND		20	0.91	ug/L			07/15/22 02:43	1
Acrylonitrile	ND		20	0.83	ug/L			07/15/22 02:43	1
Allyl chloride	ND		2.0	0.44	ug/L			07/15/22 02:43	1
Benzene	ND		2.0	0.41	ug/L			07/15/22 02:43	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/15/22 02:43	1
Bromoform	ND		2.0	0.26	ug/L			07/15/22 02:43	1
Bromomethane	ND		2.0	0.69	ug/L			07/15/22 02:43	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/15/22 02:43	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/15/22 02:43	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/15/22 02:43	1
Chloroethane	ND		2.0	0.32	ug/L			07/15/22 02:43	1
Chloroform	ND		2.0	0.34	ug/L			07/15/22 02:43	1
Chloromethane	ND		2.0	0.35	ug/L			07/15/22 02:43	1
Chloroprene	ND		1.0	0.49	ug/L			07/15/22 02:43	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/15/22 02:43	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/15/22 02:43	1
Dibromomethane	ND		2.0	0.41	ug/L			07/15/22 02:43	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/15/22 02:43	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/15/22 02:43	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/15/22 02:43	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/15/22 02:43	1
Iodomethane	ND *-*1		2.0	0.30	ug/L			07/15/22 02:43	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/15/22 02:43	1
Methacrylonitrile	ND		10	0.69	ug/L			07/15/22 02:43	1
Methyl methacrylate	ND		10	0.61	ug/L			07/15/22 02:43	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/15/22 02:43	1
Naphthalene	ND		1.0	0.43	ug/L			07/15/22 02:43	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/15/22 02:43	1
Propionitrile	ND		50	5.8	ug/L			07/15/22 02:43	1

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Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: U-21

Date Collected: 07/11/22 13:52

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-7

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			07/15/22 02:43	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/15/22 02:43	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/15/22 02:43	1
Toluene	ND		2.0	0.51	ug/L			07/15/22 02:43	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/15/22 02:43	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/15/22 02:43	1
Trichloroethene	ND		2.0	0.46	ug/L			07/15/22 02:43	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/15/22 02:43	1
Vinyl acetate	ND		10	0.85	ug/L			07/15/22 02:43	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/15/22 02:43	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/15/22 02:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		07/15/22 02:43	1
4-Bromofluorobenzene (Surr)	101		73 - 120		07/15/22 02:43	1
Toluene-d8 (Surr)	101		80 - 120		07/15/22 02:43	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L			07/15/22 08:49	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L			07/15/22 08:49	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			07/14/22 14:26	1
PCB-1221	ND		0.50	0.18	ug/L			07/14/22 14:26	1
PCB-1232	ND		0.50	0.18	ug/L			07/14/22 14:26	1
PCB-1242	ND		0.50	0.18	ug/L			07/14/22 14:26	1
PCB-1248	ND		0.50	0.18	ug/L			07/14/22 14:26	1
PCB-1254	ND		0.50	0.25	ug/L			07/14/22 14:26	1
PCB-1260	ND		0.50	0.25	ug/L			07/14/22 14:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	47		19 - 120		07/13/22 14:26	1
DCB Decachlorobiphenyl	53		19 - 120		07/13/22 14:26	1
Tetrachloro-m-xylene	58		39 - 121		07/13/22 14:26	1
Tetrachloro-m-xylene	70		39 - 121		07/13/22 14:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.7		1.0	0.43	mg/L			07/15/22 01:51	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.24				SU			07/11/22 13:52	1
Field Conductivity	1179				umhos/cm			07/11/22 13:52	1
Field Temperature	14.8				Degrees C			07/11/22 13:52	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: U-22

Date Collected: 07/11/22 14:29

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-8

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/15/22 03:07	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/15/22 03:07	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/15/22 03:07	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/15/22 03:07	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			07/15/22 03:07	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/15/22 03:07	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/15/22 03:07	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/15/22 03:07	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/15/22 03:07	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/15/22 03:07	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			07/15/22 03:07	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/15/22 03:07	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/15/22 03:07	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/15/22 03:07	1
1,4-Dioxane	ND		40	9.3	ug/L			07/15/22 03:07	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/15/22 03:07	1
2-Hexanone	ND		10	1.2	ug/L			07/15/22 03:07	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/15/22 03:07	1
Acetone	ND		10	3.0	ug/L			07/15/22 03:07	1
Acetonitrile	ND		170	4.9	ug/L			07/15/22 03:07	1
Acrolein	ND		20	0.91	ug/L			07/15/22 03:07	1
Acrylonitrile	ND		20	0.83	ug/L			07/15/22 03:07	1
Allyl chloride	ND		2.0	0.44	ug/L			07/15/22 03:07	1
Benzene	ND		2.0	0.41	ug/L			07/15/22 03:07	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/15/22 03:07	1
Bromoform	ND		2.0	0.26	ug/L			07/15/22 03:07	1
Bromomethane	ND		2.0	0.69	ug/L			07/15/22 03:07	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/15/22 03:07	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/15/22 03:07	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/15/22 03:07	1
Chloroethane	ND		2.0	0.32	ug/L			07/15/22 03:07	1
Chloroform	ND		2.0	0.34	ug/L			07/15/22 03:07	1
Chloromethane	ND		2.0	0.35	ug/L			07/15/22 03:07	1
Chloroprene	ND		1.0	0.49	ug/L			07/15/22 03:07	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/15/22 03:07	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/15/22 03:07	1
Dibromomethane	ND		2.0	0.41	ug/L			07/15/22 03:07	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/15/22 03:07	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/15/22 03:07	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/15/22 03:07	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/15/22 03:07	1
Iodomethane	ND *-*1		2.0	0.30	ug/L			07/15/22 03:07	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/15/22 03:07	1
Methacrylonitrile	ND		10	0.69	ug/L			07/15/22 03:07	1
Methyl methacrylate	ND		10	0.61	ug/L			07/15/22 03:07	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/15/22 03:07	1
Naphthalene	ND		1.0	0.43	ug/L			07/15/22 03:07	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/15/22 03:07	1
Propionitrile	ND		50	5.8	ug/L			07/15/22 03:07	1

Eurofins Buffalo

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: U-22

Date Collected: 07/11/22 14:29

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-8

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			07/15/22 03:07	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/15/22 03:07	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/15/22 03:07	1
Toluene	ND		2.0	0.51	ug/L			07/15/22 03:07	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/15/22 03:07	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/15/22 03:07	1
Trichloroethene	ND		2.0	0.46	ug/L			07/15/22 03:07	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/15/22 03:07	1
Vinyl acetate	ND		10	0.85	ug/L			07/15/22 03:07	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/15/22 03:07	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/15/22 03:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		07/15/22 03:07	1
4-Bromofluorobenzene (Surr)	95		73 - 120		07/15/22 03:07	1
Toluene-d8 (Surr)	98		80 - 120		07/15/22 03:07	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L		07/14/22 15:43	07/15/22 09:09	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		07/14/22 15:43	07/15/22 09:09	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 17:36	1
PCB-1221	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 17:36	1
PCB-1232	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 17:36	1
PCB-1242	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 17:36	1
PCB-1248	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 17:36	1
PCB-1254	ND		0.50	0.25	ug/L		07/13/22 14:26	07/14/22 17:36	1
PCB-1260	ND		0.50	0.25	ug/L		07/13/22 14:26	07/14/22 17:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	46		19 - 120		07/13/22 14:26	07/14/22 17:36
DCB Decachlorobiphenyl	52		19 - 120		07/13/22 14:26	07/14/22 17:36
Tetrachloro-m-xylene	66		39 - 121		07/13/22 14:26	07/14/22 17:36
Tetrachloro-m-xylene	80		39 - 121		07/13/22 14:26	07/14/22 17:36

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.9		1.0	0.43	mg/L			07/15/22 02:20	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.95				SU			07/11/22 14:29	1
Field Conductivity	1869				umhos/cm			07/11/22 14:29	1
Field Temperature	15.0				Degrees C			07/11/22 14:29	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1

SDG: TSCA Quarterly Sampling

Client Sample ID: U-23

Date Collected: 07/11/22 15:25

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-9

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/15/22 03:31	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/15/22 03:31	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/15/22 03:31	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/15/22 03:31	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			07/15/22 03:31	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/15/22 03:31	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/15/22 03:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/15/22 03:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/15/22 03:31	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/15/22 03:31	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			07/15/22 03:31	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/15/22 03:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/15/22 03:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/15/22 03:31	1
1,4-Dioxane	ND		40	9.3	ug/L			07/15/22 03:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/15/22 03:31	1
2-Hexanone	ND		10	1.2	ug/L			07/15/22 03:31	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/15/22 03:31	1
Acetone	3.4 J		10	3.0	ug/L			07/15/22 03:31	1
Acetonitrile	ND		170	4.9	ug/L			07/15/22 03:31	1
Acrolein	ND		20	0.91	ug/L			07/15/22 03:31	1
Acrylonitrile	ND		20	0.83	ug/L			07/15/22 03:31	1
Allyl chloride	ND		2.0	0.44	ug/L			07/15/22 03:31	1
Benzene	ND		2.0	0.41	ug/L			07/15/22 03:31	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/15/22 03:31	1
Bromoform	ND		2.0	0.26	ug/L			07/15/22 03:31	1
Bromomethane	ND		2.0	0.69	ug/L			07/15/22 03:31	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/15/22 03:31	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/15/22 03:31	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/15/22 03:31	1
Chloroethane	ND		2.0	0.32	ug/L			07/15/22 03:31	1
Chloroform	ND		2.0	0.34	ug/L			07/15/22 03:31	1
Chloromethane	ND		2.0	0.35	ug/L			07/15/22 03:31	1
Chloroprene	ND		1.0	0.49	ug/L			07/15/22 03:31	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/15/22 03:31	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/15/22 03:31	1
Dibromomethane	ND		2.0	0.41	ug/L			07/15/22 03:31	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/15/22 03:31	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/15/22 03:31	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/15/22 03:31	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/15/22 03:31	1
Iodomethane	ND *-*1		2.0	0.30	ug/L			07/15/22 03:31	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/15/22 03:31	1
Methacrylonitrile	ND		10	0.69	ug/L			07/15/22 03:31	1
Methyl methacrylate	ND		10	0.61	ug/L			07/15/22 03:31	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/15/22 03:31	1
Naphthalene	ND		1.0	0.43	ug/L			07/15/22 03:31	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/15/22 03:31	1
Propionitrile	ND		50	5.8	ug/L			07/15/22 03:31	1

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Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: U-23

Date Collected: 07/11/22 15:25

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-9

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			07/15/22 03:31	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/15/22 03:31	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/15/22 03:31	1
Toluene	ND		2.0	0.51	ug/L			07/15/22 03:31	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/15/22 03:31	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/15/22 03:31	1
Trichloroethene	ND		2.0	0.46	ug/L			07/15/22 03:31	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/15/22 03:31	1
Vinyl acetate	ND		10	0.85	ug/L			07/15/22 03:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/15/22 03:31	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/15/22 03:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		07/15/22 03:31	1
4-Bromofluorobenzene (Surr)	98		73 - 120		07/15/22 03:31	1
Toluene-d8 (Surr)	100		80 - 120		07/15/22 03:31	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		07/14/22 15:43	07/15/22 09:29	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L		07/14/22 15:43	07/15/22 09:29	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 17:50	1
PCB-1221	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 17:50	1
PCB-1232	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 17:50	1
PCB-1242	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 17:50	1
PCB-1248	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 17:50	1
PCB-1254	ND		0.50	0.25	ug/L		07/13/22 14:26	07/14/22 17:50	1
PCB-1260	ND		0.50	0.25	ug/L		07/13/22 14:26	07/14/22 17:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	52		19 - 120		07/13/22 14:26	07/14/22 17:50
DCB Decachlorobiphenyl	59		19 - 120		07/13/22 14:26	07/14/22 17:50
Tetrachloro-m-xylene	65		39 - 121		07/13/22 14:26	07/14/22 17:50
Tetrachloro-m-xylene	78		39 - 121		07/13/22 14:26	07/14/22 17:50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.1		1.0	0.43	mg/L			07/15/22 02:49	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.03				SU			07/11/22 15:25	1
Field Conductivity	1079				umhos/cm			07/11/22 15:25	1
Field Temperature	15.6				Degrees C			07/11/22 15:25	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Client Sample ID: U-24

Date Collected: 07/11/22 15:59

Lab Sample ID: 480-199719-10

Date Received: 07/13/22 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/15/22 03:55	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/15/22 03:55	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/15/22 03:55	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/15/22 03:55	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			07/15/22 03:55	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/15/22 03:55	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/15/22 03:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/15/22 03:55	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/15/22 03:55	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/15/22 03:55	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			07/15/22 03:55	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/15/22 03:55	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/15/22 03:55	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/15/22 03:55	1
1,4-Dioxane	ND		40	9.3	ug/L			07/15/22 03:55	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/15/22 03:55	1
2-Hexanone	ND		10	1.2	ug/L			07/15/22 03:55	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/15/22 03:55	1
Acetone	4.2 J		10	3.0	ug/L			07/15/22 03:55	1
Acetonitrile	ND		170	4.9	ug/L			07/15/22 03:55	1
Acrolein	ND		20	0.91	ug/L			07/15/22 03:55	1
Acrylonitrile	ND		20	0.83	ug/L			07/15/22 03:55	1
Allyl chloride	ND		2.0	0.44	ug/L			07/15/22 03:55	1
Benzene	ND		2.0	0.41	ug/L			07/15/22 03:55	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/15/22 03:55	1
Bromoform	ND		2.0	0.26	ug/L			07/15/22 03:55	1
Bromomethane	ND		2.0	0.69	ug/L			07/15/22 03:55	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/15/22 03:55	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/15/22 03:55	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/15/22 03:55	1
Chloroethane	ND		2.0	0.32	ug/L			07/15/22 03:55	1
Chloroform	ND		2.0	0.34	ug/L			07/15/22 03:55	1
Chloromethane	ND		2.0	0.35	ug/L			07/15/22 03:55	1
Chloroprene	ND		1.0	0.49	ug/L			07/15/22 03:55	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/15/22 03:55	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/15/22 03:55	1
Dibromomethane	ND		2.0	0.41	ug/L			07/15/22 03:55	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/15/22 03:55	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/15/22 03:55	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/15/22 03:55	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/15/22 03:55	1
Iodomethane	ND *-*1		2.0	0.30	ug/L			07/15/22 03:55	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/15/22 03:55	1
Methacrylonitrile	ND		10	0.69	ug/L			07/15/22 03:55	1
Methyl methacrylate	ND		10	0.61	ug/L			07/15/22 03:55	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/15/22 03:55	1
Naphthalene	ND		1.0	0.43	ug/L			07/15/22 03:55	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/15/22 03:55	1
Propionitrile	ND		50	5.8	ug/L			07/15/22 03:55	1

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Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: U-24

Date Collected: 07/11/22 15:59

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-10

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			07/15/22 03:55	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/15/22 03:55	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/15/22 03:55	1
Toluene	ND		2.0	0.51	ug/L			07/15/22 03:55	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/15/22 03:55	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/15/22 03:55	1
Trichloroethene	ND		2.0	0.46	ug/L			07/15/22 03:55	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/15/22 03:55	1
Vinyl acetate	ND		10	0.85	ug/L			07/15/22 03:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/15/22 03:55	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/15/22 03:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		07/15/22 03:55	1
4-Bromofluorobenzene (Surr)	89		73 - 120		07/15/22 03:55	1
Toluene-d8 (Surr)	96		80 - 120		07/15/22 03:55	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		07/14/22 15:43	07/15/22 09:49	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		07/14/22 15:43	07/15/22 09:49	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 18:03	1
PCB-1221	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 18:03	1
PCB-1232	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 18:03	1
PCB-1242	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 18:03	1
PCB-1248	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 18:03	1
PCB-1254	ND		0.50	0.25	ug/L		07/13/22 14:26	07/14/22 18:03	1
PCB-1260	ND		0.50	0.25	ug/L		07/13/22 14:26	07/14/22 18:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	52		19 - 120		07/13/22 14:26	07/14/22 18:03
DCB Decachlorobiphenyl	58		19 - 120		07/13/22 14:26	07/14/22 18:03
Tetrachloro-m-xylene	71		39 - 121		07/13/22 14:26	07/14/22 18:03
Tetrachloro-m-xylene	86		39 - 121		07/13/22 14:26	07/14/22 18:03

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	4.5		1.0	0.43	mg/L			07/15/22 03:19	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.53				SU			07/11/22 15:59	1
Field Conductivity	1934				umhos/cm			07/11/22 15:59	1
Field Temperature	14.9				Degrees C			07/11/22 15:59	1

Client Sample Results

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
 SDG: TSCA Quarterly Sampling

Client Sample ID: U-25

Date Collected: 07/11/22 18:08

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-11

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/15/22 04:19	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/15/22 04:19	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/15/22 04:19	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/15/22 04:19	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			07/15/22 04:19	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/15/22 04:19	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/15/22 04:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/15/22 04:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/15/22 04:19	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/15/22 04:19	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			07/15/22 04:19	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/15/22 04:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/15/22 04:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/15/22 04:19	1
1,4-Dioxane	ND		40	9.3	ug/L			07/15/22 04:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/15/22 04:19	1
2-Hexanone	ND		10	1.2	ug/L			07/15/22 04:19	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/15/22 04:19	1
Acetone	ND		10	3.0	ug/L			07/15/22 04:19	1
Acetonitrile	ND		170	4.9	ug/L			07/15/22 04:19	1
Acrolein	ND		20	0.91	ug/L			07/15/22 04:19	1
Acrylonitrile	ND		20	0.83	ug/L			07/15/22 04:19	1
Allyl chloride	ND		2.0	0.44	ug/L			07/15/22 04:19	1
Benzene	ND		2.0	0.41	ug/L			07/15/22 04:19	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/15/22 04:19	1
Bromoform	ND		2.0	0.26	ug/L			07/15/22 04:19	1
Bromomethane	ND		2.0	0.69	ug/L			07/15/22 04:19	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/15/22 04:19	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/15/22 04:19	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/15/22 04:19	1
Chloroethane	ND		2.0	0.32	ug/L			07/15/22 04:19	1
Chloroform	ND		2.0	0.34	ug/L			07/15/22 04:19	1
Chloromethane	ND		2.0	0.35	ug/L			07/15/22 04:19	1
Chloroprene	ND		1.0	0.49	ug/L			07/15/22 04:19	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/15/22 04:19	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/15/22 04:19	1
Dibromomethane	ND		2.0	0.41	ug/L			07/15/22 04:19	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/15/22 04:19	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/15/22 04:19	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/15/22 04:19	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/15/22 04:19	1
Iodomethane	ND *-*1		2.0	0.30	ug/L			07/15/22 04:19	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/15/22 04:19	1
Methacrylonitrile	ND		10	0.69	ug/L			07/15/22 04:19	1
Methyl methacrylate	ND		10	0.61	ug/L			07/15/22 04:19	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/15/22 04:19	1
Naphthalene	ND		1.0	0.43	ug/L			07/15/22 04:19	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/15/22 04:19	1
Propionitrile	ND		50	5.8	ug/L			07/15/22 04:19	1

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Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: U-25

Date Collected: 07/11/22 18:08

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-11

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			07/15/22 04:19	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/15/22 04:19	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/15/22 04:19	1
Toluene	ND		2.0	0.51	ug/L			07/15/22 04:19	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/15/22 04:19	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/15/22 04:19	1
Trichloroethene	ND		2.0	0.46	ug/L			07/15/22 04:19	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/15/22 04:19	1
Vinyl acetate	ND		10	0.85	ug/L			07/15/22 04:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/15/22 04:19	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/15/22 04:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		07/15/22 04:19	1
4-Bromofluorobenzene (Surr)	101		73 - 120		07/15/22 04:19	1
Toluene-d8 (Surr)	100		80 - 120		07/15/22 04:19	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		07/14/22 15:43	07/15/22 10:08	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		07/14/22 15:43	07/15/22 10:08	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 18:17	1
PCB-1221	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 18:17	1
PCB-1232	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 18:17	1
PCB-1242	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 18:17	1
PCB-1248	ND		0.50	0.18	ug/L		07/13/22 14:26	07/14/22 18:17	1
PCB-1254	ND		0.50	0.25	ug/L		07/13/22 14:26	07/14/22 18:17	1
PCB-1260	ND		0.50	0.25	ug/L		07/13/22 14:26	07/14/22 18:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	47		19 - 120		07/13/22 14:26	07/14/22 18:17
DCB Decachlorobiphenyl	52		19 - 120		07/13/22 14:26	07/14/22 18:17
Tetrachloro-m-xylene	73		39 - 121		07/13/22 14:26	07/14/22 18:17
Tetrachloro-m-xylene	87		39 - 121		07/13/22 14:26	07/14/22 18:17

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.2		1.0	0.43	mg/L			07/15/22 03:48	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.73				SU			07/11/22 18:08	1
Field Conductivity	1609				umhos/cm			07/11/22 18:08	1
Field Temperature	15.8				Degrees C			07/11/22 18:08	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Client Sample ID: DUP TSCA 1

Date Collected: 07/11/22 18:08

Lab Sample ID: 480-199719-12

Date Received: 07/13/22 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/15/22 04:43	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/15/22 04:43	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/15/22 04:43	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/15/22 04:43	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			07/15/22 04:43	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/15/22 04:43	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/15/22 04:43	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/15/22 04:43	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/15/22 04:43	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/15/22 04:43	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			07/15/22 04:43	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/15/22 04:43	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/15/22 04:43	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/15/22 04:43	1
1,4-Dioxane	ND		40	9.3	ug/L			07/15/22 04:43	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/15/22 04:43	1
2-Hexanone	ND		10	1.2	ug/L			07/15/22 04:43	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/15/22 04:43	1
Acetone	ND		10	3.0	ug/L			07/15/22 04:43	1
Acetonitrile	ND		170	4.9	ug/L			07/15/22 04:43	1
Acrolein	ND		20	0.91	ug/L			07/15/22 04:43	1
Acrylonitrile	ND		20	0.83	ug/L			07/15/22 04:43	1
Allyl chloride	ND		2.0	0.44	ug/L			07/15/22 04:43	1
Benzene	ND		2.0	0.41	ug/L			07/15/22 04:43	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/15/22 04:43	1
Bromoform	ND		2.0	0.26	ug/L			07/15/22 04:43	1
Bromomethane	ND		2.0	0.69	ug/L			07/15/22 04:43	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/15/22 04:43	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/15/22 04:43	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/15/22 04:43	1
Chloroethane	ND		2.0	0.32	ug/L			07/15/22 04:43	1
Chloroform	ND		2.0	0.34	ug/L			07/15/22 04:43	1
Chloromethane	ND		2.0	0.35	ug/L			07/15/22 04:43	1
Chloroprene	ND		1.0	0.49	ug/L			07/15/22 04:43	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/15/22 04:43	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/15/22 04:43	1
Dibromomethane	ND		2.0	0.41	ug/L			07/15/22 04:43	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/15/22 04:43	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/15/22 04:43	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/15/22 04:43	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/15/22 04:43	1
Iodomethane	ND *-*1		2.0	0.30	ug/L			07/15/22 04:43	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/15/22 04:43	1
Methacrylonitrile	ND		10	0.69	ug/L			07/15/22 04:43	1
Methyl methacrylate	ND		10	0.61	ug/L			07/15/22 04:43	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/15/22 04:43	1
Naphthalene	ND		1.0	0.43	ug/L			07/15/22 04:43	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/15/22 04:43	1
Propionitrile	ND		50	5.8	ug/L			07/15/22 04:43	1

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Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: DUP TSCA 1

Date Collected: 07/11/22 18:08
Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-12

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			07/15/22 04:43	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/15/22 04:43	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/15/22 04:43	1
Toluene	ND		2.0	0.51	ug/L			07/15/22 04:43	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/15/22 04:43	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/15/22 04:43	1
Trichloroethene	ND		2.0	0.46	ug/L			07/15/22 04:43	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/15/22 04:43	1
Vinyl acetate	ND		10	0.85	ug/L			07/15/22 04:43	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/15/22 04:43	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/15/22 04:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		07/15/22 04:43	1
4-Bromofluorobenzene (Surr)	98		73 - 120		07/15/22 04:43	1
Toluene-d8 (Surr)	100		80 - 120		07/15/22 04:43	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L			07/15/22 10:48	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L			07/15/22 10:48	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			07/14/22 14:26	1
PCB-1221	ND		0.50	0.18	ug/L			07/14/22 14:26	1
PCB-1232	ND		0.50	0.18	ug/L			07/14/22 14:26	1
PCB-1242	ND		0.50	0.18	ug/L			07/14/22 14:26	1
PCB-1248	ND		0.50	0.18	ug/L			07/14/22 14:26	1
PCB-1254	ND		0.50	0.25	ug/L			07/14/22 14:26	1
PCB-1260	ND		0.50	0.25	ug/L			07/14/22 14:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	56		19 - 120		07/13/22 14:26	1
DCB Decachlorobiphenyl	64		19 - 120		07/13/22 14:26	1
Tetrachloro-m-xylene	84		39 - 121		07/13/22 14:26	1
Tetrachloro-m-xylene	99		39 - 121		07/13/22 14:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.3		1.0	0.43	mg/L			07/15/22 04:17	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.73				SU			07/11/22 18:08	1
Field Conductivity	1609				umhos/cm			07/11/22 18:08	1
Field Temperature	15.8				Degrees C			07/11/22 18:08	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Client Sample ID: U-3

Date Collected: 07/13/22 08:58

Lab Sample ID: 480-199748-1

Date Received: 07/14/22 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/15/22 17:34	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/15/22 17:34	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/15/22 17:34	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/15/22 17:34	1
1,1-Dichloroethane	21		2.0	0.38	ug/L			07/15/22 17:34	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/15/22 17:34	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/15/22 17:34	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/15/22 17:34	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/15/22 17:34	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/15/22 17:34	1
1,2-Dichloroethene, Total	15		2.0	0.81	ug/L			07/15/22 17:34	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/15/22 17:34	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/15/22 17:34	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/15/22 17:34	1
1,4-Dioxane	ND		40	9.3	ug/L			07/15/22 17:34	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/15/22 17:34	1
2-Hexanone	ND		10	1.2	ug/L			07/15/22 17:34	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/15/22 17:34	1
Acetone	3.1 J		10	3.0	ug/L			07/15/22 17:34	1
Acetonitrile	ND		170	4.9	ug/L			07/15/22 17:34	1
Acrolein	ND		20	0.91	ug/L			07/15/22 17:34	1
Acrylonitrile	ND		20	0.83	ug/L			07/15/22 17:34	1
Allyl chloride	ND		2.0	0.44	ug/L			07/15/22 17:34	1
Benzene	ND		2.0	0.41	ug/L			07/15/22 17:34	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/15/22 17:34	1
Bromoform	ND		2.0	0.26	ug/L			07/15/22 17:34	1
Bromomethane	ND		2.0	0.69	ug/L			07/15/22 17:34	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/15/22 17:34	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/15/22 17:34	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/15/22 17:34	1
Chloroethane	ND		2.0	0.32	ug/L			07/15/22 17:34	1
Chloroform	ND		2.0	0.34	ug/L			07/15/22 17:34	1
Chloromethane	ND		2.0	0.35	ug/L			07/15/22 17:34	1
Chloroprene	ND		1.0	0.49	ug/L			07/15/22 17:34	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/15/22 17:34	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/15/22 17:34	1
Dibromomethane	ND		2.0	0.41	ug/L			07/15/22 17:34	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/15/22 17:34	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/15/22 17:34	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/15/22 17:34	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/15/22 17:34	1
Iodomethane	ND		2.0	0.30	ug/L			07/15/22 17:34	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/15/22 17:34	1
Methacrylonitrile	ND		10	0.69	ug/L			07/15/22 17:34	1
Methyl methacrylate	ND		10	0.61	ug/L			07/15/22 17:34	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/15/22 17:34	1
Naphthalene	ND		1.0	0.43	ug/L			07/15/22 17:34	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/15/22 17:34	1
Propionitrile	ND		50	5.8	ug/L			07/15/22 17:34	1

Eurofins Buffalo

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: U-3

Date Collected: 07/13/22 08:58

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			07/15/22 17:34	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/15/22 17:34	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/15/22 17:34	1
Toluene	ND		2.0	0.51	ug/L			07/15/22 17:34	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/15/22 17:34	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/15/22 17:34	1
Trichloroethene	ND		2.0	0.46	ug/L			07/15/22 17:34	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/15/22 17:34	1
Vinyl acetate	ND		10	0.85	ug/L			07/15/22 17:34	1
Vinyl chloride	1.4		1.0	0.90	ug/L			07/15/22 17:34	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/15/22 17:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		07/15/22 17:34	1
4-Bromofluorobenzene (Surr)	106		73 - 120		07/15/22 17:34	1
Toluene-d8 (Surr)	100		80 - 120		07/15/22 17:34	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L			07/21/22 20:06	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L			07/21/22 20:06	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			07/19/22 18:05	1
PCB-1221	ND		0.50	0.18	ug/L			07/19/22 18:05	1
PCB-1232	ND		0.50	0.18	ug/L			07/19/22 18:05	1
PCB-1242	ND		0.50	0.18	ug/L			07/19/22 18:05	1
PCB-1248	ND		0.50	0.18	ug/L			07/19/22 18:05	1
PCB-1254	ND		0.50	0.25	ug/L			07/19/22 18:05	1
PCB-1260	ND		0.50	0.25	ug/L			07/19/22 18:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	50		19 - 120		07/19/22 18:05	1
Tetrachloro-m-xylene	67		39 - 121		07/19/22 18:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	4.8		1.0	0.43	mg/L			07/16/22 07:28	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.49				SU			07/13/22 08:58	1
Field Conductivity	1199				umhos/cm			07/13/22 08:58	1
Field Temperature	14.8				Degrees C			07/13/22 08:58	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: U-5

Date Collected: 07/13/22 09:57

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/15/22 17:58	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/15/22 17:58	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/15/22 17:58	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/15/22 17:58	1
1,1-Dichloroethane	9.4		2.0	0.38	ug/L			07/15/22 17:58	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/15/22 17:58	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/15/22 17:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/15/22 17:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/15/22 17:58	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/15/22 17:58	1
1,2-Dichloroethene, Total	23		2.0	0.81	ug/L			07/15/22 17:58	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/15/22 17:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/15/22 17:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/15/22 17:58	1
1,4-Dioxane	ND	F2	40	9.3	ug/L			07/15/22 17:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/15/22 17:58	1
2-Hexanone	ND		10	1.2	ug/L			07/15/22 17:58	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/15/22 17:58	1
Acetone	ND		10	3.0	ug/L			07/15/22 17:58	1
Acetonitrile	ND		170	4.9	ug/L			07/15/22 17:58	1
Acrolein	ND		20	0.91	ug/L			07/15/22 17:58	1
Acrylonitrile	ND		20	0.83	ug/L			07/15/22 17:58	1
Allyl chloride	ND		2.0	0.44	ug/L			07/15/22 17:58	1
Benzene	ND		2.0	0.41	ug/L			07/15/22 17:58	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/15/22 17:58	1
Bromoform	ND		2.0	0.26	ug/L			07/15/22 17:58	1
Bromomethane	ND		2.0	0.69	ug/L			07/15/22 17:58	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/15/22 17:58	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/15/22 17:58	1
Chlorobenzene	ND	F1	2.0	0.75	ug/L			07/15/22 17:58	1
Chloroethane	ND		2.0	0.32	ug/L			07/15/22 17:58	1
Chloroform	ND		2.0	0.34	ug/L			07/15/22 17:58	1
Chloromethane	ND		2.0	0.35	ug/L			07/15/22 17:58	1
Chloroprene	ND		1.0	0.49	ug/L			07/15/22 17:58	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/15/22 17:58	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/15/22 17:58	1
Dibromomethane	ND		2.0	0.41	ug/L			07/15/22 17:58	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/15/22 17:58	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/15/22 17:58	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/15/22 17:58	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/15/22 17:58	1
Iodomethane	ND	F1	2.0	0.30	ug/L			07/15/22 17:58	1
Isobutyl alcohol	ND	F2	1000	4.8	ug/L			07/15/22 17:58	1
Methacrylonitrile	ND		10	0.69	ug/L			07/15/22 17:58	1
Methyl methacrylate	ND		10	0.61	ug/L			07/15/22 17:58	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/15/22 17:58	1
Naphthalene	ND		1.0	0.43	ug/L			07/15/22 17:58	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/15/22 17:58	1
Propionitrile	ND		50	5.8	ug/L			07/15/22 17:58	1

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Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: U-5

Date Collected: 07/13/22 09:57

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND	F1	2.0	0.73	ug/L			07/15/22 17:58	1
Tetrachloroethene	ND	F1	2.0	0.36	ug/L			07/15/22 17:58	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/15/22 17:58	1
Toluene	ND		2.0	0.51	ug/L			07/15/22 17:58	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/15/22 17:58	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/15/22 17:58	1
Trichloroethene	ND		2.0	0.46	ug/L			07/15/22 17:58	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/15/22 17:58	1
Vinyl acetate	ND		10	0.85	ug/L			07/15/22 17:58	1
Vinyl chloride	0.97	J	1.0	0.90	ug/L			07/15/22 17:58	1
Xylenes, Total	ND	F1	3.0	0.66	ug/L			07/15/22 17:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		07/15/22 17:58	1
4-Bromofluorobenzene (Surr)	103		73 - 120		07/15/22 17:58	1
Toluene-d8 (Surr)	98		80 - 120		07/15/22 17:58	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		07/21/22 18:03	07/21/22 20:26	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		07/21/22 18:03	07/21/22 20:26	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		07/18/22 08:37	07/19/22 17:11	1
PCB-1221	ND		0.50	0.18	ug/L		07/18/22 08:37	07/19/22 17:11	1
PCB-1232	ND		0.50	0.18	ug/L		07/18/22 08:37	07/19/22 17:11	1
PCB-1242	ND		0.50	0.18	ug/L		07/18/22 08:37	07/19/22 17:11	1
PCB-1248	ND		0.50	0.18	ug/L		07/18/22 08:37	07/19/22 17:11	1
PCB-1254	ND		0.50	0.25	ug/L		07/18/22 08:37	07/19/22 17:11	1
PCB-1260	ND		0.50	0.25	ug/L		07/18/22 08:37	07/19/22 17:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	52		19 - 120				07/18/22 08:37	07/19/22 17:11	1
Tetrachloro-m-xylene	67		39 - 121				07/18/22 08:37	07/19/22 17:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	4.0		1.0	0.43	mg/L			07/16/22 11:21	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.67				SU			07/13/22 09:57	1
Field Conductivity	1421				umhos/cm			07/13/22 09:57	1
Field Temperature	14.6				Degrees C			07/13/22 09:57	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: U-6

Date Collected: 07/13/22 10:55

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/15/22 18:21	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/15/22 18:21	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/15/22 18:21	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/15/22 18:21	1
1,1-Dichloroethane	22		2.0	0.38	ug/L			07/15/22 18:21	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/15/22 18:21	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/15/22 18:21	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/15/22 18:21	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/15/22 18:21	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/15/22 18:21	1
1,2-Dichloroethene, Total	14		2.0	0.81	ug/L			07/15/22 18:21	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/15/22 18:21	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/15/22 18:21	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/15/22 18:21	1
1,4-Dioxane	ND		40	9.3	ug/L			07/15/22 18:21	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/15/22 18:21	1
2-Hexanone	ND		10	1.2	ug/L			07/15/22 18:21	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/15/22 18:21	1
Acetone	ND		10	3.0	ug/L			07/15/22 18:21	1
Acetonitrile	ND		170	4.9	ug/L			07/15/22 18:21	1
Acrolein	ND		20	0.91	ug/L			07/15/22 18:21	1
Acrylonitrile	ND		20	0.83	ug/L			07/15/22 18:21	1
Allyl chloride	ND		2.0	0.44	ug/L			07/15/22 18:21	1
Benzene	ND		2.0	0.41	ug/L			07/15/22 18:21	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/15/22 18:21	1
Bromoform	ND		2.0	0.26	ug/L			07/15/22 18:21	1
Bromomethane	ND		2.0	0.69	ug/L			07/15/22 18:21	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/15/22 18:21	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/15/22 18:21	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/15/22 18:21	1
Chloroethane	ND		2.0	0.32	ug/L			07/15/22 18:21	1
Chloroform	ND		2.0	0.34	ug/L			07/15/22 18:21	1
Chloromethane	ND		2.0	0.35	ug/L			07/15/22 18:21	1
Chloroprene	ND		1.0	0.49	ug/L			07/15/22 18:21	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/15/22 18:21	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/15/22 18:21	1
Dibromomethane	ND		2.0	0.41	ug/L			07/15/22 18:21	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/15/22 18:21	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/15/22 18:21	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/15/22 18:21	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/15/22 18:21	1
Iodomethane	ND		2.0	0.30	ug/L			07/15/22 18:21	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/15/22 18:21	1
Methacrylonitrile	ND		10	0.69	ug/L			07/15/22 18:21	1
Methyl methacrylate	ND		10	0.61	ug/L			07/15/22 18:21	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/15/22 18:21	1
Naphthalene	ND		1.0	0.43	ug/L			07/15/22 18:21	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/15/22 18:21	1
Propionitrile	ND		50	5.8	ug/L			07/15/22 18:21	1

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Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: U-6

Date Collected: 07/13/22 10:55

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			07/15/22 18:21	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/15/22 18:21	1
Tetrahydrofuran	1.5	J	5.0	1.3	ug/L			07/15/22 18:21	1
Toluene	ND		2.0	0.51	ug/L			07/15/22 18:21	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/15/22 18:21	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/15/22 18:21	1
Trichloroethene	ND		2.0	0.46	ug/L			07/15/22 18:21	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/15/22 18:21	1
Vinyl acetate	ND		10	0.85	ug/L			07/15/22 18:21	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/15/22 18:21	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/15/22 18:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		77 - 120		07/15/22 18:21	1
4-Bromofluorobenzene (Surr)	104		73 - 120		07/15/22 18:21	1
Toluene-d8 (Surr)	100		80 - 120		07/15/22 18:21	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L			07/21/22 18:03	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L			07/21/22 18:03	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			07/18/22 08:37	1
PCB-1221	ND		0.50	0.18	ug/L			07/18/22 08:37	1
PCB-1232	ND		0.50	0.18	ug/L			07/18/22 08:37	1
PCB-1242	ND		0.50	0.18	ug/L			07/18/22 08:37	1
PCB-1248	ND		0.50	0.18	ug/L			07/18/22 08:37	1
PCB-1254	ND		0.50	0.25	ug/L			07/18/22 08:37	1
PCB-1260	ND		0.50	0.25	ug/L			07/18/22 08:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	62		19 - 120		07/18/22 08:37	1
Tetrachloro-m-xylene	74		39 - 121		07/18/22 08:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.7		1.0	0.43	mg/L			07/16/22 07:57	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.98				SU			07/13/22 10:55	1
Field Conductivity	1231				umhos/cm			07/13/22 10:55	1
Field Temperature	15.4				Degrees C			07/13/22 10:55	1

Client Sample Results

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
 SDG: TSCA Quarterly Sampling

Client Sample ID: U-10

Date Collected: 07/12/22 14:05

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/14/22 20:29	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/14/22 20:29	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/14/22 20:29	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/14/22 20:29	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			07/14/22 20:29	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/14/22 20:29	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/14/22 20:29	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/14/22 20:29	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/14/22 20:29	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/14/22 20:29	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			07/14/22 20:29	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/14/22 20:29	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/14/22 20:29	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/14/22 20:29	1
1,4-Dioxane	ND		40	9.3	ug/L			07/14/22 20:29	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/14/22 20:29	1
2-Hexanone	ND		10	1.2	ug/L			07/14/22 20:29	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/14/22 20:29	1
Acetone	ND		10	3.0	ug/L			07/14/22 20:29	1
Acetonitrile	ND		170	4.9	ug/L			07/14/22 20:29	1
Acrolein	ND		20	0.91	ug/L			07/14/22 20:29	1
Acrylonitrile	ND		20	0.83	ug/L			07/14/22 20:29	1
Allyl chloride	ND		2.0	0.44	ug/L			07/14/22 20:29	1
Benzene	ND		2.0	0.41	ug/L			07/14/22 20:29	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/14/22 20:29	1
Bromoform	ND		2.0	0.26	ug/L			07/14/22 20:29	1
Bromomethane	ND		2.0	0.69	ug/L			07/14/22 20:29	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/14/22 20:29	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/14/22 20:29	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/14/22 20:29	1
Chloroethane	ND		2.0	0.32	ug/L			07/14/22 20:29	1
Chloroform	ND		2.0	0.34	ug/L			07/14/22 20:29	1
Chloromethane	ND		2.0	0.35	ug/L			07/14/22 20:29	1
Chloroprene	ND		1.0	0.49	ug/L			07/14/22 20:29	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/14/22 20:29	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/14/22 20:29	1
Dibromomethane	ND		2.0	0.41	ug/L			07/14/22 20:29	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/14/22 20:29	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/14/22 20:29	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/14/22 20:29	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/14/22 20:29	1
Iodomethane	ND		2.0	0.30	ug/L			07/14/22 20:29	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/14/22 20:29	1
Methacrylonitrile	ND		10	0.69	ug/L			07/14/22 20:29	1
Methyl methacrylate	ND		10	0.61	ug/L			07/14/22 20:29	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/14/22 20:29	1
Naphthalene	ND		1.0	0.43	ug/L			07/14/22 20:29	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/14/22 20:29	1
Propionitrile	ND		50	5.8	ug/L			07/14/22 20:29	1

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Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: U-10

Date Collected: 07/12/22 14:05

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			07/14/22 20:29	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/14/22 20:29	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/14/22 20:29	1
Toluene	ND		2.0	0.51	ug/L			07/14/22 20:29	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/14/22 20:29	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/14/22 20:29	1
Trichloroethene	ND		2.0	0.46	ug/L			07/14/22 20:29	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/14/22 20:29	1
Vinyl acetate	ND		10	0.85	ug/L			07/14/22 20:29	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/14/22 20:29	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/14/22 20:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		07/14/22 20:29	1
4-Bromofluorobenzene (Surr)	102		73 - 120		07/14/22 20:29	1
Toluene-d8 (Surr)	98		80 - 120		07/14/22 20:29	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L			07/21/22 18:03	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L			07/21/22 18:03	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			07/18/22 08:37	1
PCB-1221	ND		0.50	0.18	ug/L			07/18/22 08:37	1
PCB-1232	ND		0.50	0.18	ug/L			07/18/22 08:37	1
PCB-1242	ND		0.50	0.18	ug/L			07/18/22 08:37	1
PCB-1248	ND		0.50	0.18	ug/L			07/18/22 08:37	1
PCB-1254	ND		0.50	0.25	ug/L			07/18/22 08:37	1
PCB-1260	ND		0.50	0.25	ug/L			07/18/22 08:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	58		19 - 120		07/18/22 08:37	1
Tetrachloro-m-xylene	69		39 - 121		07/18/22 08:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	7.2		1.0	0.43	mg/L			07/16/22 08:26	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.47				SU			07/12/22 14:05	1
Field Conductivity	997				umhos/cm			07/12/22 14:05	1
Field Temperature	15.4				Degrees C			07/12/22 14:05	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Client Sample ID: DUP TSCA 2

Date Collected: 07/12/22 14:05

Lab Sample ID: 480-199748-5

Date Received: 07/14/22 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/14/22 20:52	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/14/22 20:52	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/14/22 20:52	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/14/22 20:52	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			07/14/22 20:52	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/14/22 20:52	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/14/22 20:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/14/22 20:52	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/14/22 20:52	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/14/22 20:52	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			07/14/22 20:52	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/14/22 20:52	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/14/22 20:52	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/14/22 20:52	1
1,4-Dioxane	ND		40	9.3	ug/L			07/14/22 20:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/14/22 20:52	1
2-Hexanone	ND		10	1.2	ug/L			07/14/22 20:52	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/14/22 20:52	1
Acetone	ND		10	3.0	ug/L			07/14/22 20:52	1
Acetonitrile	ND		170	4.9	ug/L			07/14/22 20:52	1
Acrolein	ND		20	0.91	ug/L			07/14/22 20:52	1
Acrylonitrile	ND		20	0.83	ug/L			07/14/22 20:52	1
Allyl chloride	ND		2.0	0.44	ug/L			07/14/22 20:52	1
Benzene	ND		2.0	0.41	ug/L			07/14/22 20:52	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/14/22 20:52	1
Bromoform	ND		2.0	0.26	ug/L			07/14/22 20:52	1
Bromomethane	ND		2.0	0.69	ug/L			07/14/22 20:52	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/14/22 20:52	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/14/22 20:52	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/14/22 20:52	1
Chloroethane	ND		2.0	0.32	ug/L			07/14/22 20:52	1
Chloroform	ND		2.0	0.34	ug/L			07/14/22 20:52	1
Chloromethane	ND		2.0	0.35	ug/L			07/14/22 20:52	1
Chloroprene	ND		1.0	0.49	ug/L			07/14/22 20:52	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/14/22 20:52	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/14/22 20:52	1
Dibromomethane	ND		2.0	0.41	ug/L			07/14/22 20:52	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/14/22 20:52	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/14/22 20:52	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/14/22 20:52	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/14/22 20:52	1
Iodomethane	ND		2.0	0.30	ug/L			07/14/22 20:52	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/14/22 20:52	1
Methacrylonitrile	ND		10	0.69	ug/L			07/14/22 20:52	1
Methyl methacrylate	ND		10	0.61	ug/L			07/14/22 20:52	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/14/22 20:52	1
Naphthalene	ND		1.0	0.43	ug/L			07/14/22 20:52	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/14/22 20:52	1
Propionitrile	ND		50	5.8	ug/L			07/14/22 20:52	1

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Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: DUP TSCA 2

Date Collected: 07/12/22 14:05

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-5

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			07/14/22 20:52	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/14/22 20:52	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/14/22 20:52	1
Toluene	ND		2.0	0.51	ug/L			07/14/22 20:52	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/14/22 20:52	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/14/22 20:52	1
Trichloroethene	ND		2.0	0.46	ug/L			07/14/22 20:52	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/14/22 20:52	1
Vinyl acetate	ND		10	0.85	ug/L			07/14/22 20:52	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/14/22 20:52	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/14/22 20:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		07/14/22 20:52	1
4-Bromofluorobenzene (Surr)	104		73 - 120		07/14/22 20:52	1
Toluene-d8 (Surr)	99		80 - 120		07/14/22 20:52	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L			07/21/22 18:03	07/21/22 22:06
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L			07/21/22 18:03	07/21/22 22:06

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 18:45
PCB-1221	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 18:45
PCB-1232	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 18:45
PCB-1242	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 18:45
PCB-1248	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 18:45
PCB-1254	ND		0.50	0.25	ug/L			07/18/22 08:37	07/19/22 18:45
PCB-1260	ND		0.50	0.25	ug/L			07/18/22 08:37	07/19/22 18:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	62		19 - 120		07/18/22 08:37	07/19/22 18:45
Tetrachloro-m-xylene	73		39 - 121		07/18/22 08:37	07/19/22 18:45

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	6.7		1.0	0.43	mg/L			07/16/22 08:55	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.49				SU			07/12/22 14:05	1
Field Conductivity	998				umhos/cm			07/12/22 14:05	1
Field Temperature	15.4				Degrees C			07/12/22 14:05	1

Client Sample Results

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
 SDG: TSCA Quarterly Sampling

Client Sample ID: U-13

Date Collected: 07/12/22 15:42

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-6

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/14/22 21:15	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/14/22 21:15	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/14/22 21:15	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/14/22 21:15	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			07/14/22 21:15	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/14/22 21:15	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/14/22 21:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/14/22 21:15	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/14/22 21:15	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/14/22 21:15	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			07/14/22 21:15	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/14/22 21:15	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/14/22 21:15	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/14/22 21:15	1
1,4-Dioxane	ND		40	9.3	ug/L			07/14/22 21:15	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/14/22 21:15	1
2-Hexanone	ND		10	1.2	ug/L			07/14/22 21:15	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/14/22 21:15	1
Acetone	ND		10	3.0	ug/L			07/14/22 21:15	1
Acetonitrile	ND		170	4.9	ug/L			07/14/22 21:15	1
Acrolein	ND		20	0.91	ug/L			07/14/22 21:15	1
Acrylonitrile	ND		20	0.83	ug/L			07/14/22 21:15	1
Allyl chloride	ND		2.0	0.44	ug/L			07/14/22 21:15	1
Benzene	ND		2.0	0.41	ug/L			07/14/22 21:15	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/14/22 21:15	1
Bromoform	ND		2.0	0.26	ug/L			07/14/22 21:15	1
Bromomethane	ND		2.0	0.69	ug/L			07/14/22 21:15	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/14/22 21:15	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/14/22 21:15	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/14/22 21:15	1
Chloroethane	ND		2.0	0.32	ug/L			07/14/22 21:15	1
Chloroform	ND		2.0	0.34	ug/L			07/14/22 21:15	1
Chloromethane	ND		2.0	0.35	ug/L			07/14/22 21:15	1
Chloroprene	ND		1.0	0.49	ug/L			07/14/22 21:15	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/14/22 21:15	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/14/22 21:15	1
Dibromomethane	ND		2.0	0.41	ug/L			07/14/22 21:15	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/14/22 21:15	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/14/22 21:15	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/14/22 21:15	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/14/22 21:15	1
Iodomethane	ND		2.0	0.30	ug/L			07/14/22 21:15	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/14/22 21:15	1
Methacrylonitrile	ND		10	0.69	ug/L			07/14/22 21:15	1
Methyl methacrylate	ND		10	0.61	ug/L			07/14/22 21:15	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/14/22 21:15	1
Naphthalene	ND		1.0	0.43	ug/L			07/14/22 21:15	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/14/22 21:15	1
Propionitrile	ND		50	5.8	ug/L			07/14/22 21:15	1

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Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: U-13

Date Collected: 07/12/22 15:42

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-6

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			07/14/22 21:15	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/14/22 21:15	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/14/22 21:15	1
Toluene	ND		2.0	0.51	ug/L			07/14/22 21:15	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/14/22 21:15	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/14/22 21:15	1
Trichloroethene	ND		2.0	0.46	ug/L			07/14/22 21:15	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/14/22 21:15	1
Vinyl acetate	ND		10	0.85	ug/L			07/14/22 21:15	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/14/22 21:15	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/14/22 21:15	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		105		77 - 120				07/14/22 21:15	1
4-Bromofluorobenzene (Surr)		102		73 - 120				07/14/22 21:15	1
Toluene-d8 (Surr)		97		80 - 120				07/14/22 21:15	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L			07/21/22 18:03	07/21/22 22:26
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L			07/21/22 18:03	07/21/22 22:26

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 18:58
PCB-1221	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 18:58
PCB-1232	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 18:58
PCB-1242	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 18:58
PCB-1248	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 18:58
PCB-1254	ND		0.50	0.25	ug/L			07/18/22 08:37	07/19/22 18:58
PCB-1260	ND		0.50	0.25	ug/L			07/18/22 08:37	07/19/22 18:58
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		70		19 - 120				07/18/22 08:37	07/19/22 18:58
Tetrachloro-m-xylene		67		39 - 121				07/18/22 08:37	07/19/22 18:58

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.6		1.0	0.43	mg/L			07/16/22 11:51	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.15				SU			07/12/22 15:42	1
Field Conductivity	1021				umhos/cm			07/12/22 15:42	1
Field Temperature	15.1				Degrees C			07/12/22 15:42	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Client Sample ID: U-4

Date Collected: 07/12/22 17:03

Lab Sample ID: 480-199748-7

Date Received: 07/14/22 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/14/22 21:39	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/14/22 21:39	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/14/22 21:39	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/14/22 21:39	1
1,1-Dichloroethane	6.7		2.0	0.38	ug/L			07/14/22 21:39	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/14/22 21:39	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/14/22 21:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/14/22 21:39	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/14/22 21:39	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/14/22 21:39	1
1,2-Dichloroethene, Total	26		2.0	0.81	ug/L			07/14/22 21:39	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/14/22 21:39	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/14/22 21:39	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/14/22 21:39	1
1,4-Dioxane	ND		40	9.3	ug/L			07/14/22 21:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/14/22 21:39	1
2-Hexanone	ND		10	1.2	ug/L			07/14/22 21:39	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/14/22 21:39	1
Acetone	ND		10	3.0	ug/L			07/14/22 21:39	1
Acetonitrile	ND		170	4.9	ug/L			07/14/22 21:39	1
Acrolein	ND		20	0.91	ug/L			07/14/22 21:39	1
Acrylonitrile	ND		20	0.83	ug/L			07/14/22 21:39	1
Allyl chloride	ND		2.0	0.44	ug/L			07/14/22 21:39	1
Benzene	ND		2.0	0.41	ug/L			07/14/22 21:39	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/14/22 21:39	1
Bromoform	ND		2.0	0.26	ug/L			07/14/22 21:39	1
Bromomethane	ND		2.0	0.69	ug/L			07/14/22 21:39	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/14/22 21:39	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/14/22 21:39	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/14/22 21:39	1
Chloroethane	ND		2.0	0.32	ug/L			07/14/22 21:39	1
Chloroform	ND		2.0	0.34	ug/L			07/14/22 21:39	1
Chloromethane	ND		2.0	0.35	ug/L			07/14/22 21:39	1
Chloroprene	ND		1.0	0.49	ug/L			07/14/22 21:39	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/14/22 21:39	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/14/22 21:39	1
Dibromomethane	ND		2.0	0.41	ug/L			07/14/22 21:39	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/14/22 21:39	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/14/22 21:39	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/14/22 21:39	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/14/22 21:39	1
Iodomethane	ND		2.0	0.30	ug/L			07/14/22 21:39	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/14/22 21:39	1
Methacrylonitrile	ND		10	0.69	ug/L			07/14/22 21:39	1
Methyl methacrylate	ND		10	0.61	ug/L			07/14/22 21:39	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/14/22 21:39	1
Naphthalene	ND		1.0	0.43	ug/L			07/14/22 21:39	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/14/22 21:39	1
Propionitrile	ND		50	5.8	ug/L			07/14/22 21:39	1

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Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: U-4

Date Collected: 07/12/22 17:03

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-7

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			07/14/22 21:39	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/14/22 21:39	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/14/22 21:39	1
Toluene	ND		2.0	0.51	ug/L			07/14/22 21:39	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/14/22 21:39	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/14/22 21:39	1
Trichloroethene	ND		2.0	0.46	ug/L			07/14/22 21:39	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/14/22 21:39	1
Vinyl acetate	ND		10	0.85	ug/L			07/14/22 21:39	1
Vinyl chloride	3.2		1.0	0.90	ug/L			07/14/22 21:39	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/14/22 21:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		07/14/22 21:39	1
4-Bromofluorobenzene (Surr)	102		73 - 120		07/14/22 21:39	1
Toluene-d8 (Surr)	97		80 - 120		07/14/22 21:39	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L			07/21/22 18:03	07/21/22 23:06
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L			07/21/22 18:03	07/21/22 23:06

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 19:12
PCB-1221	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 19:12
PCB-1232	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 19:12
PCB-1242	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 19:12
PCB-1248	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 19:12
PCB-1254	ND		0.50	0.25	ug/L			07/18/22 08:37	07/19/22 19:12
PCB-1260	ND		0.50	0.25	ug/L			07/18/22 08:37	07/19/22 19:12

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	65		19 - 120		07/18/22 08:37	07/19/22 19:12
Tetrachloro-m-xylene	77		39 - 121		07/18/22 08:37	07/19/22 19:12

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	4.4		1.0	0.43	mg/L			07/16/22 12:21	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.04				SU			07/12/22 17:03	1
Field Conductivity	1278				umhos/cm			07/12/22 17:03	1
Field Temperature	15.8				Degrees C			07/12/22 17:03	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Client Sample ID: DUP TSCA 3

Date Collected: 07/12/22 17:03

Lab Sample ID: 480-199748-8

Date Received: 07/14/22 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/14/22 22:02	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/14/22 22:02	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/14/22 22:02	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/14/22 22:02	1
1,1-Dichloroethane	6.5		2.0	0.38	ug/L			07/14/22 22:02	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/14/22 22:02	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/14/22 22:02	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/14/22 22:02	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/14/22 22:02	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/14/22 22:02	1
1,2-Dichloroethene, Total	26		2.0	0.81	ug/L			07/14/22 22:02	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/14/22 22:02	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/14/22 22:02	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/14/22 22:02	1
1,4-Dioxane	ND		40	9.3	ug/L			07/14/22 22:02	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/14/22 22:02	1
2-Hexanone	ND		10	1.2	ug/L			07/14/22 22:02	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/14/22 22:02	1
Acetone	ND		10	3.0	ug/L			07/14/22 22:02	1
Acetonitrile	ND		170	4.9	ug/L			07/14/22 22:02	1
Acrolein	ND		20	0.91	ug/L			07/14/22 22:02	1
Acrylonitrile	ND		20	0.83	ug/L			07/14/22 22:02	1
Allyl chloride	ND		2.0	0.44	ug/L			07/14/22 22:02	1
Benzene	ND		2.0	0.41	ug/L			07/14/22 22:02	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/14/22 22:02	1
Bromoform	ND		2.0	0.26	ug/L			07/14/22 22:02	1
Bromomethane	ND		2.0	0.69	ug/L			07/14/22 22:02	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/14/22 22:02	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/14/22 22:02	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/14/22 22:02	1
Chloroethane	ND		2.0	0.32	ug/L			07/14/22 22:02	1
Chloroform	ND		2.0	0.34	ug/L			07/14/22 22:02	1
Chloromethane	ND		2.0	0.35	ug/L			07/14/22 22:02	1
Chloroprene	ND		1.0	0.49	ug/L			07/14/22 22:02	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/14/22 22:02	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/14/22 22:02	1
Dibromomethane	ND		2.0	0.41	ug/L			07/14/22 22:02	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/14/22 22:02	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/14/22 22:02	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/14/22 22:02	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/14/22 22:02	1
Iodomethane	ND		2.0	0.30	ug/L			07/14/22 22:02	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/14/22 22:02	1
Methacrylonitrile	ND		10	0.69	ug/L			07/14/22 22:02	1
Methyl methacrylate	ND		10	0.61	ug/L			07/14/22 22:02	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/14/22 22:02	1
Naphthalene	ND		1.0	0.43	ug/L			07/14/22 22:02	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/14/22 22:02	1
Propionitrile	ND		50	5.8	ug/L			07/14/22 22:02	1

Eurofins Buffalo

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: DUP TSCA 3

Date Collected: 07/12/22 17:03

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-8

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			07/14/22 22:02	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/14/22 22:02	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/14/22 22:02	1
Toluene	ND		2.0	0.51	ug/L			07/14/22 22:02	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/14/22 22:02	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/14/22 22:02	1
Trichloroethene	ND		2.0	0.46	ug/L			07/14/22 22:02	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/14/22 22:02	1
Vinyl acetate	ND		10	0.85	ug/L			07/14/22 22:02	1
Vinyl chloride	3.3		1.0	0.90	ug/L			07/14/22 22:02	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/14/22 22:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		07/14/22 22:02	1
4-Bromofluorobenzene (Surr)	101		73 - 120		07/14/22 22:02	1
Toluene-d8 (Surr)	97		80 - 120		07/14/22 22:02	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L			07/21/22 18:03	07/21/22 23:26
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L			07/21/22 18:03	07/21/22 23:26

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 19:25
PCB-1221	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 19:25
PCB-1232	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 19:25
PCB-1242	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 19:25
PCB-1248	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 19:25
PCB-1254	ND		0.50	0.25	ug/L			07/18/22 08:37	07/19/22 19:25
PCB-1260	ND		0.50	0.25	ug/L			07/18/22 08:37	07/19/22 19:25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	58		19 - 120		07/18/22 08:37	07/19/22 19:25
Tetrachloro-m-xylene	64		39 - 121		07/18/22 08:37	07/19/22 19:25

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	4.1		1.0	0.43	mg/L			07/16/22 12:49	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.05				SU			07/12/22 17:03	1
Field Conductivity	1275				umhos/cm			07/12/22 17:03	1
Field Temperature	15.8				Degrees C			07/12/22 17:03	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Client Sample ID: FIELD BLANK TSCA

Lab Sample ID: 480-199748-9

Date Collected: 07/12/22 17:32

Matrix: Water

Date Received: 07/14/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/14/22 22:25	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/14/22 22:25	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/14/22 22:25	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/14/22 22:25	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			07/14/22 22:25	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/14/22 22:25	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/14/22 22:25	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/14/22 22:25	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/14/22 22:25	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/14/22 22:25	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			07/14/22 22:25	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/14/22 22:25	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/14/22 22:25	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/14/22 22:25	1
1,4-Dioxane	ND		40	9.3	ug/L			07/14/22 22:25	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/14/22 22:25	1
2-Hexanone	ND		10	1.2	ug/L			07/14/22 22:25	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/14/22 22:25	1
Acetone	ND		10	3.0	ug/L			07/14/22 22:25	1
Acetonitrile	ND		170	4.9	ug/L			07/14/22 22:25	1
Acrolein	ND		20	0.91	ug/L			07/14/22 22:25	1
Acrylonitrile	ND		20	0.83	ug/L			07/14/22 22:25	1
Allyl chloride	ND		2.0	0.44	ug/L			07/14/22 22:25	1
Benzene	ND		2.0	0.41	ug/L			07/14/22 22:25	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/14/22 22:25	1
Bromoform	ND		2.0	0.26	ug/L			07/14/22 22:25	1
Bromomethane	ND		2.0	0.69	ug/L			07/14/22 22:25	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/14/22 22:25	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/14/22 22:25	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/14/22 22:25	1
Chloroethane	ND		2.0	0.32	ug/L			07/14/22 22:25	1
Chloroform	ND		2.0	0.34	ug/L			07/14/22 22:25	1
Chloromethane	ND		2.0	0.35	ug/L			07/14/22 22:25	1
Chloroprene	ND		1.0	0.49	ug/L			07/14/22 22:25	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/14/22 22:25	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/14/22 22:25	1
Dibromomethane	ND		2.0	0.41	ug/L			07/14/22 22:25	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/14/22 22:25	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/14/22 22:25	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/14/22 22:25	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/14/22 22:25	1
Iodomethane	ND		2.0	0.30	ug/L			07/14/22 22:25	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/14/22 22:25	1
Methacrylonitrile	ND		10	0.69	ug/L			07/14/22 22:25	1
Methyl methacrylate	ND		10	0.61	ug/L			07/14/22 22:25	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/14/22 22:25	1
Naphthalene	ND		1.0	0.43	ug/L			07/14/22 22:25	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/14/22 22:25	1
Propionitrile	ND		50	5.8	ug/L			07/14/22 22:25	1

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Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: FIELD BLANK TSCA

Date Collected: 07/12/22 17:32
Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-9

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			07/14/22 22:25	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/14/22 22:25	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/14/22 22:25	1
Toluene	ND		2.0	0.51	ug/L			07/14/22 22:25	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/14/22 22:25	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/14/22 22:25	1
Trichloroethene	ND		2.0	0.46	ug/L			07/14/22 22:25	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/14/22 22:25	1
Vinyl acetate	ND		10	0.85	ug/L			07/14/22 22:25	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/14/22 22:25	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/14/22 22:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		07/14/22 22:25	1
4-Bromofluorobenzene (Surr)	102		73 - 120		07/14/22 22:25	1
Toluene-d8 (Surr)	99		80 - 120		07/14/22 22:25	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L			07/21/22 18:03	07/21/22 23:46
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L			07/21/22 18:03	07/21/22 23:46

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 19:38
PCB-1221	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 19:38
PCB-1232	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 19:38
PCB-1242	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 19:38
PCB-1248	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 19:38
PCB-1254	ND		0.50	0.25	ug/L			07/18/22 08:37	07/19/22 19:38
PCB-1260	ND		0.50	0.25	ug/L			07/18/22 08:37	07/19/22 19:38

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	57		19 - 120		07/18/22 08:37	07/19/22 19:38
Tetrachloro-m-xylene	70		39 - 121		07/18/22 08:37	07/19/22 19:38

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			07/16/22 13:19	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.23				SU			07/12/22 17:32	1
Field Conductivity	210				umhos/cm			07/12/22 17:32	1
Field Temperature	26.9				Degrees C			07/12/22 17:32	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Client Sample ID: U-26

Date Collected: 07/12/22 10:17

Lab Sample ID: 480-199748-10

Matrix: Water

Date Received: 07/14/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/14/22 22:48	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/14/22 22:48	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/14/22 22:48	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/14/22 22:48	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			07/14/22 22:48	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/14/22 22:48	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/14/22 22:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/14/22 22:48	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/14/22 22:48	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/14/22 22:48	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			07/14/22 22:48	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/14/22 22:48	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/14/22 22:48	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/14/22 22:48	1
1,4-Dioxane	ND		40	9.3	ug/L			07/14/22 22:48	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/14/22 22:48	1
2-Hexanone	ND		10	1.2	ug/L			07/14/22 22:48	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/14/22 22:48	1
Acetone	3.1 J		10	3.0	ug/L			07/14/22 22:48	1
Acetonitrile	ND		170	4.9	ug/L			07/14/22 22:48	1
Acrolein	ND		20	0.91	ug/L			07/14/22 22:48	1
Acrylonitrile	ND		20	0.83	ug/L			07/14/22 22:48	1
Allyl chloride	ND		2.0	0.44	ug/L			07/14/22 22:48	1
Benzene	ND		2.0	0.41	ug/L			07/14/22 22:48	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/14/22 22:48	1
Bromoform	ND		2.0	0.26	ug/L			07/14/22 22:48	1
Bromomethane	ND		2.0	0.69	ug/L			07/14/22 22:48	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/14/22 22:48	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/14/22 22:48	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/14/22 22:48	1
Chloroethane	ND		2.0	0.32	ug/L			07/14/22 22:48	1
Chloroform	ND		2.0	0.34	ug/L			07/14/22 22:48	1
Chloromethane	ND		2.0	0.35	ug/L			07/14/22 22:48	1
Chloroprene	ND		1.0	0.49	ug/L			07/14/22 22:48	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/14/22 22:48	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/14/22 22:48	1
Dibromomethane	ND		2.0	0.41	ug/L			07/14/22 22:48	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/14/22 22:48	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/14/22 22:48	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/14/22 22:48	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/14/22 22:48	1
Iodomethane	ND		2.0	0.30	ug/L			07/14/22 22:48	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/14/22 22:48	1
Methacrylonitrile	ND		10	0.69	ug/L			07/14/22 22:48	1
Methyl methacrylate	ND		10	0.61	ug/L			07/14/22 22:48	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/14/22 22:48	1
Naphthalene	ND		1.0	0.43	ug/L			07/14/22 22:48	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/14/22 22:48	1
Propionitrile	ND		50	5.8	ug/L			07/14/22 22:48	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Client Sample ID: U-26

Date Collected: 07/12/22 10:17

Lab Sample ID: 480-199748-10

Date Received: 07/14/22 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			07/14/22 22:48	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/14/22 22:48	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/14/22 22:48	1
Toluene	ND		2.0	0.51	ug/L			07/14/22 22:48	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/14/22 22:48	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/14/22 22:48	1
Trichloroethene	ND		2.0	0.46	ug/L			07/14/22 22:48	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/14/22 22:48	1
Vinyl acetate	ND		10	0.85	ug/L			07/14/22 22:48	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/14/22 22:48	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/14/22 22:48	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		109		77 - 120				07/14/22 22:48	1
4-Bromofluorobenzene (Surr)		100		73 - 120				07/14/22 22:48	1
Toluene-d8 (Surr)		100		80 - 120				07/14/22 22:48	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0078	ug/L		07/21/22 18:03	07/22/22 00:06	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0059	ug/L		07/21/22 18:03	07/22/22 00:06	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		07/18/22 08:37	07/19/22 19:52	1
PCB-1221	ND		0.50	0.18	ug/L		07/18/22 08:37	07/19/22 19:52	1
PCB-1232	ND		0.50	0.18	ug/L		07/18/22 08:37	07/19/22 19:52	1
PCB-1242	ND		0.50	0.18	ug/L		07/18/22 08:37	07/19/22 19:52	1
PCB-1248	ND		0.50	0.18	ug/L		07/18/22 08:37	07/19/22 19:52	1
PCB-1254	ND		0.50	0.25	ug/L		07/18/22 08:37	07/19/22 19:52	1
PCB-1260	ND		0.50	0.25	ug/L		07/18/22 08:37	07/19/22 19:52	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		61		19 - 120				07/18/22 08:37	07/19/22 19:52
Tetrachloro-m-xylene		75		39 - 121				07/18/22 08:37	07/19/22 19:52

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	6.9		1.0	0.43	mg/L			07/16/22 13:48	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.69				SU			07/12/22 10:17	1
Field Conductivity	1886				umhos/cm			07/12/22 10:17	1
Field Temperature	15.1				Degrees C			07/12/22 10:17	1

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Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: U-19

Date Collected: 07/12/22 10:59

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-11

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/14/22 23:11	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/14/22 23:11	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/14/22 23:11	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/14/22 23:11	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			07/14/22 23:11	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/14/22 23:11	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/14/22 23:11	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/14/22 23:11	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/14/22 23:11	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/14/22 23:11	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			07/14/22 23:11	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/14/22 23:11	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/14/22 23:11	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/14/22 23:11	1
1,4-Dioxane	ND		40	9.3	ug/L			07/14/22 23:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/14/22 23:11	1
2-Hexanone	ND		10	1.2	ug/L			07/14/22 23:11	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/14/22 23:11	1
Acetone	3.1 J		10	3.0	ug/L			07/14/22 23:11	1
Acetonitrile	ND		170	4.9	ug/L			07/14/22 23:11	1
Acrolein	ND		20	0.91	ug/L			07/14/22 23:11	1
Acrylonitrile	ND		20	0.83	ug/L			07/14/22 23:11	1
Allyl chloride	ND		2.0	0.44	ug/L			07/14/22 23:11	1
Benzene	ND		2.0	0.41	ug/L			07/14/22 23:11	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/14/22 23:11	1
Bromoform	ND		2.0	0.26	ug/L			07/14/22 23:11	1
Bromomethane	ND		2.0	0.69	ug/L			07/14/22 23:11	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/14/22 23:11	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/14/22 23:11	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/14/22 23:11	1
Chloroethane	ND		2.0	0.32	ug/L			07/14/22 23:11	1
Chloroform	ND		2.0	0.34	ug/L			07/14/22 23:11	1
Chloromethane	ND		2.0	0.35	ug/L			07/14/22 23:11	1
Chloroprene	ND		1.0	0.49	ug/L			07/14/22 23:11	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/14/22 23:11	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/14/22 23:11	1
Dibromomethane	ND		2.0	0.41	ug/L			07/14/22 23:11	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/14/22 23:11	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/14/22 23:11	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/14/22 23:11	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/14/22 23:11	1
Iodomethane	ND		2.0	0.30	ug/L			07/14/22 23:11	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/14/22 23:11	1
Methacrylonitrile	ND		10	0.69	ug/L			07/14/22 23:11	1
Methyl methacrylate	ND		10	0.61	ug/L			07/14/22 23:11	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/14/22 23:11	1
Naphthalene	ND		1.0	0.43	ug/L			07/14/22 23:11	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/14/22 23:11	1
Propionitrile	ND		50	5.8	ug/L			07/14/22 23:11	1

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Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: U-19

Date Collected: 07/12/22 10:59

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-11

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			07/14/22 23:11	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/14/22 23:11	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/14/22 23:11	1
Toluene	ND		2.0	0.51	ug/L			07/14/22 23:11	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/14/22 23:11	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/14/22 23:11	1
Trichloroethene	ND		2.0	0.46	ug/L			07/14/22 23:11	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/14/22 23:11	1
Vinyl acetate	ND		10	0.85	ug/L			07/14/22 23:11	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/14/22 23:11	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/14/22 23:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		07/14/22 23:11	1
4-Bromofluorobenzene (Surr)	105		73 - 120		07/14/22 23:11	1
Toluene-d8 (Surr)	102		80 - 120		07/14/22 23:11	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		07/21/22 18:03	07/22/22 00:26	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		07/21/22 18:03	07/22/22 00:26	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		07/18/22 08:37	07/19/22 20:05	1
PCB-1221	ND		0.50	0.18	ug/L		07/18/22 08:37	07/19/22 20:05	1
PCB-1232	ND		0.50	0.18	ug/L		07/18/22 08:37	07/19/22 20:05	1
PCB-1242	ND		0.50	0.18	ug/L		07/18/22 08:37	07/19/22 20:05	1
PCB-1248	ND		0.50	0.18	ug/L		07/18/22 08:37	07/19/22 20:05	1
PCB-1254	ND		0.50	0.25	ug/L		07/18/22 08:37	07/19/22 20:05	1
PCB-1260	ND		0.50	0.25	ug/L		07/18/22 08:37	07/19/22 20:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	70		19 - 120		07/18/22 08:37	07/19/22 20:05
Tetrachloro-m-xylene	78		39 - 121		07/18/22 08:37	07/19/22 20:05

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.2		1.0	0.43	mg/L			07/16/22 14:18	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.24				SU			07/12/22 10:59	1
Field Conductivity	1295				umhos/cm			07/12/22 10:59	1
Field Temperature	15.0				Degrees C			07/12/22 10:59	1

Client Sample Results

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
 SDG: TSCA Quarterly Sampling

Client Sample ID: U-20

Date Collected: 07/12/22 11:27

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-12

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/14/22 23:34	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/14/22 23:34	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/14/22 23:34	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/14/22 23:34	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			07/14/22 23:34	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/14/22 23:34	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/14/22 23:34	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/14/22 23:34	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/14/22 23:34	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/14/22 23:34	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			07/14/22 23:34	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/14/22 23:34	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/14/22 23:34	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/14/22 23:34	1
1,4-Dioxane	ND		40	9.3	ug/L			07/14/22 23:34	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/14/22 23:34	1
2-Hexanone	ND		10	1.2	ug/L			07/14/22 23:34	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/14/22 23:34	1
Acetone	ND		10	3.0	ug/L			07/14/22 23:34	1
Acetonitrile	ND		170	4.9	ug/L			07/14/22 23:34	1
Acrolein	ND		20	0.91	ug/L			07/14/22 23:34	1
Acrylonitrile	ND		20	0.83	ug/L			07/14/22 23:34	1
Allyl chloride	ND		2.0	0.44	ug/L			07/14/22 23:34	1
Benzene	ND		2.0	0.41	ug/L			07/14/22 23:34	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/14/22 23:34	1
Bromoform	ND		2.0	0.26	ug/L			07/14/22 23:34	1
Bromomethane	ND		2.0	0.69	ug/L			07/14/22 23:34	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/14/22 23:34	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/14/22 23:34	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/14/22 23:34	1
Chloroethane	ND		2.0	0.32	ug/L			07/14/22 23:34	1
Chloroform	ND		2.0	0.34	ug/L			07/14/22 23:34	1
Chloromethane	ND		2.0	0.35	ug/L			07/14/22 23:34	1
Chloroprene	ND		1.0	0.49	ug/L			07/14/22 23:34	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/14/22 23:34	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/14/22 23:34	1
Dibromomethane	ND		2.0	0.41	ug/L			07/14/22 23:34	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/14/22 23:34	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/14/22 23:34	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/14/22 23:34	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/14/22 23:34	1
Iodomethane	ND		2.0	0.30	ug/L			07/14/22 23:34	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/14/22 23:34	1
Methacrylonitrile	ND		10	0.69	ug/L			07/14/22 23:34	1
Methyl methacrylate	ND		10	0.61	ug/L			07/14/22 23:34	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/14/22 23:34	1
Naphthalene	ND		1.0	0.43	ug/L			07/14/22 23:34	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/14/22 23:34	1
Propionitrile	ND		50	5.8	ug/L			07/14/22 23:34	1

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Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: U-20

Date Collected: 07/12/22 11:27

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-12

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			07/14/22 23:34	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/14/22 23:34	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/14/22 23:34	1
Toluene	ND		2.0	0.51	ug/L			07/14/22 23:34	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/14/22 23:34	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/14/22 23:34	1
Trichloroethene	ND		2.0	0.46	ug/L			07/14/22 23:34	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/14/22 23:34	1
Vinyl acetate	ND		10	0.85	ug/L			07/14/22 23:34	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/14/22 23:34	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/14/22 23:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		07/14/22 23:34	1
4-Bromofluorobenzene (Surr)	105		73 - 120		07/14/22 23:34	1
Toluene-d8 (Surr)	100		80 - 120		07/14/22 23:34	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L		07/21/22 18:03	07/22/22 00:46	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		07/21/22 18:03	07/22/22 00:46	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		07/18/22 08:37	07/19/22 20:19	1
PCB-1221	ND		0.50	0.18	ug/L		07/18/22 08:37	07/19/22 20:19	1
PCB-1232	ND		0.50	0.18	ug/L		07/18/22 08:37	07/19/22 20:19	1
PCB-1242	ND		0.50	0.18	ug/L		07/18/22 08:37	07/19/22 20:19	1
PCB-1248	ND		0.50	0.18	ug/L		07/18/22 08:37	07/19/22 20:19	1
PCB-1254	ND		0.50	0.25	ug/L		07/18/22 08:37	07/19/22 20:19	1
PCB-1260	ND		0.50	0.25	ug/L		07/18/22 08:37	07/19/22 20:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	71		19 - 120		07/18/22 08:37	07/19/22 20:19
Tetrachloro-m-xylene	85		39 - 121		07/18/22 08:37	07/19/22 20:19

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.0		1.0	0.43	mg/L			07/16/22 14:48	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.25				SU			07/12/22 11:27	1
Field Conductivity	1633				umhos/cm			07/12/22 11:27	1
Field Temperature	15.2				Degrees C			07/12/22 11:27	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Client Sample ID: U-11

Date Collected: 07/12/22 12:20

Lab Sample ID: 480-199748-13

Matrix: Water

Date Received: 07/14/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/14/22 23:58	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/14/22 23:58	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/14/22 23:58	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/14/22 23:58	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			07/14/22 23:58	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/14/22 23:58	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/14/22 23:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/14/22 23:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/14/22 23:58	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/14/22 23:58	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			07/14/22 23:58	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/14/22 23:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/14/22 23:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/14/22 23:58	1
1,4-Dioxane	ND		40	9.3	ug/L			07/14/22 23:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/14/22 23:58	1
2-Hexanone	ND		10	1.2	ug/L			07/14/22 23:58	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/14/22 23:58	1
Acetone	ND		10	3.0	ug/L			07/14/22 23:58	1
Acetonitrile	ND		170	4.9	ug/L			07/14/22 23:58	1
Acrolein	ND		20	0.91	ug/L			07/14/22 23:58	1
Acrylonitrile	ND		20	0.83	ug/L			07/14/22 23:58	1
Allyl chloride	ND		2.0	0.44	ug/L			07/14/22 23:58	1
Benzene	ND		2.0	0.41	ug/L			07/14/22 23:58	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/14/22 23:58	1
Bromoform	ND		2.0	0.26	ug/L			07/14/22 23:58	1
Bromomethane	ND		2.0	0.69	ug/L			07/14/22 23:58	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/14/22 23:58	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/14/22 23:58	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/14/22 23:58	1
Chloroethane	ND		2.0	0.32	ug/L			07/14/22 23:58	1
Chloroform	ND		2.0	0.34	ug/L			07/14/22 23:58	1
Chloromethane	ND		2.0	0.35	ug/L			07/14/22 23:58	1
Chloroprene	ND		1.0	0.49	ug/L			07/14/22 23:58	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/14/22 23:58	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/14/22 23:58	1
Dibromomethane	ND		2.0	0.41	ug/L			07/14/22 23:58	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/14/22 23:58	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/14/22 23:58	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/14/22 23:58	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/14/22 23:58	1
Iodomethane	ND		2.0	0.30	ug/L			07/14/22 23:58	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/14/22 23:58	1
Methacrylonitrile	ND		10	0.69	ug/L			07/14/22 23:58	1
Methyl methacrylate	ND		10	0.61	ug/L			07/14/22 23:58	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/14/22 23:58	1
Naphthalene	ND		1.0	0.43	ug/L			07/14/22 23:58	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/14/22 23:58	1
Propionitrile	ND		50	5.8	ug/L			07/14/22 23:58	1

Eurofins Buffalo

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: U-11

Date Collected: 07/12/22 12:20

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-13

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			07/14/22 23:58	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/14/22 23:58	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/14/22 23:58	1
Toluene	ND		2.0	0.51	ug/L			07/14/22 23:58	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/14/22 23:58	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/14/22 23:58	1
Trichloroethene	ND		2.0	0.46	ug/L			07/14/22 23:58	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/14/22 23:58	1
Vinyl acetate	ND		10	0.85	ug/L			07/14/22 23:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/14/22 23:58	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/14/22 23:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		07/14/22 23:58	1
4-Bromofluorobenzene (Surr)	107		73 - 120		07/14/22 23:58	1
Toluene-d8 (Surr)	99		80 - 120		07/14/22 23:58	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L			07/21/22 18:03	07/22/22 01:06
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0059	ug/L			07/21/22 18:03	07/22/22 01:06

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 20:59
PCB-1221	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 20:59
PCB-1232	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 20:59
PCB-1242	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 20:59
PCB-1248	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 20:59
PCB-1254	ND		0.50	0.25	ug/L			07/18/22 08:37	07/19/22 20:59
PCB-1260	ND		0.50	0.25	ug/L			07/18/22 08:37	07/19/22 20:59

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	64		19 - 120		07/18/22 08:37	07/19/22 20:59
Tetrachloro-m-xylene	88		39 - 121		07/18/22 08:37	07/19/22 20:59

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.1		1.0	0.43	mg/L			07/16/22 17:16	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.04				SU			07/12/22 12:20	1
Field Conductivity	1104				umhos/cm			07/12/22 12:20	1
Field Temperature	15.0				Degrees C			07/12/22 12:20	1

Client Sample Results

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
 SDG: TSCA Quarterly Sampling

Client Sample ID: U-12

Date Collected: 07/12/22 12:47

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-14

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/15/22 00:21	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/15/22 00:21	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/15/22 00:21	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/15/22 00:21	1
1,1-Dichloroethane	0.67 J		2.0	0.38	ug/L			07/15/22 00:21	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/15/22 00:21	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/15/22 00:21	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/15/22 00:21	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/15/22 00:21	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/15/22 00:21	1
1,2-Dichloroethene, Total	11		2.0	0.81	ug/L			07/15/22 00:21	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/15/22 00:21	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/15/22 00:21	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/15/22 00:21	1
1,4-Dioxane	ND		40	9.3	ug/L			07/15/22 00:21	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/15/22 00:21	1
2-Hexanone	ND		10	1.2	ug/L			07/15/22 00:21	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/15/22 00:21	1
Acetone	ND		10	3.0	ug/L			07/15/22 00:21	1
Acetonitrile	ND		170	4.9	ug/L			07/15/22 00:21	1
Acrolein	ND		20	0.91	ug/L			07/15/22 00:21	1
Acrylonitrile	ND		20	0.83	ug/L			07/15/22 00:21	1
Allyl chloride	ND		2.0	0.44	ug/L			07/15/22 00:21	1
Benzene	ND		2.0	0.41	ug/L			07/15/22 00:21	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/15/22 00:21	1
Bromoform	ND		2.0	0.26	ug/L			07/15/22 00:21	1
Bromomethane	ND		2.0	0.69	ug/L			07/15/22 00:21	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/15/22 00:21	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/15/22 00:21	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/15/22 00:21	1
Chloroethane	ND		2.0	0.32	ug/L			07/15/22 00:21	1
Chloroform	ND		2.0	0.34	ug/L			07/15/22 00:21	1
Chloromethane	ND		2.0	0.35	ug/L			07/15/22 00:21	1
Chloroprene	ND		1.0	0.49	ug/L			07/15/22 00:21	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/15/22 00:21	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/15/22 00:21	1
Dibromomethane	ND		2.0	0.41	ug/L			07/15/22 00:21	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/15/22 00:21	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/15/22 00:21	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/15/22 00:21	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/15/22 00:21	1
Iodomethane	ND		2.0	0.30	ug/L			07/15/22 00:21	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/15/22 00:21	1
Methacrylonitrile	ND		10	0.69	ug/L			07/15/22 00:21	1
Methyl methacrylate	ND		10	0.61	ug/L			07/15/22 00:21	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/15/22 00:21	1
Naphthalene	ND		1.0	0.43	ug/L			07/15/22 00:21	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/15/22 00:21	1
Propionitrile	ND		50	5.8	ug/L			07/15/22 00:21	1

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Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: U-12

Date Collected: 07/12/22 12:47

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-14

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			07/15/22 00:21	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/15/22 00:21	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/15/22 00:21	1
Toluene	ND		2.0	0.51	ug/L			07/15/22 00:21	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/15/22 00:21	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/15/22 00:21	1
Trichloroethene	ND		2.0	0.46	ug/L			07/15/22 00:21	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/15/22 00:21	1
Vinyl acetate	ND		10	0.85	ug/L			07/15/22 00:21	1
Vinyl chloride	0.97	J	1.0	0.90	ug/L			07/15/22 00:21	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/15/22 00:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		07/15/22 00:21	1
4-Bromofluorobenzene (Surr)	104		73 - 120		07/15/22 00:21	1
Toluene-d8 (Surr)	97		80 - 120		07/15/22 00:21	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L			07/20/22 18:44	07/20/22 21:50
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L			07/20/22 18:44	07/20/22 21:50

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 21:12
PCB-1221	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 21:12
PCB-1232	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 21:12
PCB-1242	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 21:12
PCB-1248	ND		0.50	0.18	ug/L			07/18/22 08:37	07/19/22 21:12
PCB-1254	ND		0.50	0.25	ug/L			07/18/22 08:37	07/19/22 21:12
PCB-1260	ND		0.50	0.25	ug/L			07/18/22 08:37	07/19/22 21:12
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	67		19 - 120				07/18/22 08:37	07/19/22 21:12	1
Tetrachloro-m-xylene	79		39 - 121				07/18/22 08:37	07/19/22 21:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.5		1.0	0.43	mg/L			07/16/22 17:45	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.09				SU			07/12/22 12:47	1
Field Conductivity	1095				umhos/cm			07/12/22 12:47	1
Field Temperature	14.9				Degrees C			07/12/22 12:47	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Client Sample ID: U-14

Date Collected: 07/12/22 14:45

Lab Sample ID: 480-199748-15

Matrix: Water

Date Received: 07/14/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/15/22 00:44	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/15/22 00:44	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/15/22 00:44	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/15/22 00:44	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			07/15/22 00:44	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/15/22 00:44	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/15/22 00:44	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/15/22 00:44	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/15/22 00:44	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/15/22 00:44	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			07/15/22 00:44	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/15/22 00:44	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/15/22 00:44	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/15/22 00:44	1
1,4-Dioxane	ND		40	9.3	ug/L			07/15/22 00:44	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/15/22 00:44	1
2-Hexanone	ND		10	1.2	ug/L			07/15/22 00:44	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/15/22 00:44	1
Acetone	ND		10	3.0	ug/L			07/15/22 00:44	1
Acetonitrile	ND		170	4.9	ug/L			07/15/22 00:44	1
Acrolein	ND		20	0.91	ug/L			07/15/22 00:44	1
Acrylonitrile	ND		20	0.83	ug/L			07/15/22 00:44	1
Allyl chloride	ND		2.0	0.44	ug/L			07/15/22 00:44	1
Benzene	ND		2.0	0.41	ug/L			07/15/22 00:44	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/15/22 00:44	1
Bromoform	ND		2.0	0.26	ug/L			07/15/22 00:44	1
Bromomethane	ND		2.0	0.69	ug/L			07/15/22 00:44	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/15/22 00:44	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/15/22 00:44	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/15/22 00:44	1
Chloroethane	ND		2.0	0.32	ug/L			07/15/22 00:44	1
Chloroform	ND		2.0	0.34	ug/L			07/15/22 00:44	1
Chloromethane	ND		2.0	0.35	ug/L			07/15/22 00:44	1
Chloroprene	ND		1.0	0.49	ug/L			07/15/22 00:44	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/15/22 00:44	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/15/22 00:44	1
Dibromomethane	ND		2.0	0.41	ug/L			07/15/22 00:44	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/15/22 00:44	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/15/22 00:44	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/15/22 00:44	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/15/22 00:44	1
Iodomethane	ND		2.0	0.30	ug/L			07/15/22 00:44	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/15/22 00:44	1
Methacrylonitrile	ND		10	0.69	ug/L			07/15/22 00:44	1
Methyl methacrylate	ND		10	0.61	ug/L			07/15/22 00:44	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/15/22 00:44	1
Naphthalene	ND		1.0	0.43	ug/L			07/15/22 00:44	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/15/22 00:44	1
Propionitrile	ND		50	5.8	ug/L			07/15/22 00:44	1

Eurofins Buffalo

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: U-14

Date Collected: 07/12/22 14:45

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-15

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			07/15/22 00:44	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/15/22 00:44	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/15/22 00:44	1
Toluene	ND		2.0	0.51	ug/L			07/15/22 00:44	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/15/22 00:44	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/15/22 00:44	1
Trichloroethene	ND		2.0	0.46	ug/L			07/15/22 00:44	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/15/22 00:44	1
Vinyl acetate	ND		10	0.85	ug/L			07/15/22 00:44	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/15/22 00:44	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/15/22 00:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		07/15/22 00:44	1
4-Bromofluorobenzene (Surr)	102		73 - 120		07/15/22 00:44	1
Toluene-d8 (Surr)	97		80 - 120		07/15/22 00:44	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L			07/20/22 18:44	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L			07/20/22 18:44	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			07/18/22 08:37	1
PCB-1221	ND		0.50	0.18	ug/L			07/18/22 08:37	1
PCB-1232	ND		0.50	0.18	ug/L			07/18/22 08:37	1
PCB-1242	ND		0.50	0.18	ug/L			07/18/22 08:37	1
PCB-1248	ND		0.50	0.18	ug/L			07/18/22 08:37	1
PCB-1254	ND		0.50	0.25	ug/L			07/18/22 08:37	1
PCB-1260	ND		0.50	0.25	ug/L			07/18/22 08:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	64		19 - 120		07/18/22 08:37	1
Tetrachloro-m-xylene	72		39 - 121		07/18/22 08:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.5		1.0	0.43	mg/L			07/16/22 18:14	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.16				SU			07/12/22 14:45	1
Field Conductivity	978				umhos/cm			07/12/22 14:45	1
Field Temperature	14.9				Degrees C			07/12/22 14:45	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Client Sample ID: TRIP BLANK

Date Collected: 07/12/22 00:00

Lab Sample ID: 480-199748-16

Date Received: 07/14/22 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/15/22 01:07	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/15/22 01:07	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/15/22 01:07	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/15/22 01:07	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			07/15/22 01:07	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/15/22 01:07	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/15/22 01:07	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/15/22 01:07	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/15/22 01:07	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/15/22 01:07	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			07/15/22 01:07	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/15/22 01:07	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/15/22 01:07	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/15/22 01:07	1
1,4-Dioxane	ND		40	9.3	ug/L			07/15/22 01:07	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/15/22 01:07	1
2-Hexanone	ND		10	1.2	ug/L			07/15/22 01:07	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/15/22 01:07	1
Acetone	ND		10	3.0	ug/L			07/15/22 01:07	1
Acetonitrile	ND		170	4.9	ug/L			07/15/22 01:07	1
Acrolein	ND		20	0.91	ug/L			07/15/22 01:07	1
Acrylonitrile	ND		20	0.83	ug/L			07/15/22 01:07	1
Allyl chloride	ND		2.0	0.44	ug/L			07/15/22 01:07	1
Benzene	ND		2.0	0.41	ug/L			07/15/22 01:07	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/15/22 01:07	1
Bromoform	ND		2.0	0.26	ug/L			07/15/22 01:07	1
Bromomethane	ND		2.0	0.69	ug/L			07/15/22 01:07	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/15/22 01:07	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/15/22 01:07	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/15/22 01:07	1
Chloroethane	ND		2.0	0.32	ug/L			07/15/22 01:07	1
Chloroform	ND		2.0	0.34	ug/L			07/15/22 01:07	1
Chloromethane	ND		2.0	0.35	ug/L			07/15/22 01:07	1
Chloroprene	ND		1.0	0.49	ug/L			07/15/22 01:07	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/15/22 01:07	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/15/22 01:07	1
Dibromomethane	ND		2.0	0.41	ug/L			07/15/22 01:07	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/15/22 01:07	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/15/22 01:07	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/15/22 01:07	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/15/22 01:07	1
Iodomethane	ND		2.0	0.30	ug/L			07/15/22 01:07	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/15/22 01:07	1
Methacrylonitrile	ND		10	0.69	ug/L			07/15/22 01:07	1
Methyl methacrylate	ND		10	0.61	ug/L			07/15/22 01:07	1
Methylene Chloride	0.53 J		2.0	0.44	ug/L			07/15/22 01:07	1
Naphthalene	ND		1.0	0.43	ug/L			07/15/22 01:07	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/15/22 01:07	1
Propionitrile	ND		50	5.8	ug/L			07/15/22 01:07	1

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Client Sample Results

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
 SDG: TSCA Quarterly Sampling

Client Sample ID: TRIP BLANK

Date Collected: 07/12/22 00:00
 Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-16

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			07/15/22 01:07	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/15/22 01:07	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/15/22 01:07	1
Toluene	ND		2.0	0.51	ug/L			07/15/22 01:07	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/15/22 01:07	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/15/22 01:07	1
Trichloroethene	ND		2.0	0.46	ug/L			07/15/22 01:07	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/15/22 01:07	1
Vinyl acetate	ND		10	0.85	ug/L			07/15/22 01:07	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/15/22 01:07	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/15/22 01:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		07/15/22 01:07	1
4-Bromofluorobenzene (Surr)	100		73 - 120		07/15/22 01:07	1
Toluene-d8 (Surr)	98		80 - 120		07/15/22 01:07	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		07/20/22 18:44	07/20/22 22:30	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		07/20/22 18:44	07/20/22 22:30	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: LD-1

Date Collected: 07/11/22 17:12

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199769-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/15/22 05:06	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/15/22 05:06	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/15/22 05:06	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/15/22 05:06	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			07/15/22 05:06	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/15/22 05:06	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/15/22 05:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/15/22 05:06	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/15/22 05:06	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/15/22 05:06	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			07/15/22 05:06	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/15/22 05:06	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/15/22 05:06	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/15/22 05:06	1
1,4-Dioxane	ND		40	9.3	ug/L			07/15/22 05:06	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/15/22 05:06	1
2-Hexanone	ND		10	1.2	ug/L			07/15/22 05:06	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/15/22 05:06	1
Acetone	ND		10	3.0	ug/L			07/15/22 05:06	1
Acetonitrile	ND		170	4.9	ug/L			07/15/22 05:06	1
Acrolein	ND		20	0.91	ug/L			07/15/22 05:06	1
Acrylonitrile	ND		20	0.83	ug/L			07/15/22 05:06	1
Allyl chloride	ND		2.0	0.44	ug/L			07/15/22 05:06	1
Benzene	ND		2.0	0.41	ug/L			07/15/22 05:06	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/15/22 05:06	1
Bromoform	ND		2.0	0.26	ug/L			07/15/22 05:06	1
Bromomethane	ND		2.0	0.69	ug/L			07/15/22 05:06	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/15/22 05:06	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/15/22 05:06	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/15/22 05:06	1
Chloroethane	ND		2.0	0.32	ug/L			07/15/22 05:06	1
Chloroform	ND		2.0	0.34	ug/L			07/15/22 05:06	1
Chloromethane	ND		2.0	0.35	ug/L			07/15/22 05:06	1
Chloroprene	ND		1.0	0.49	ug/L			07/15/22 05:06	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/15/22 05:06	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/15/22 05:06	1
Dibromomethane	ND		2.0	0.41	ug/L			07/15/22 05:06	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/15/22 05:06	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/15/22 05:06	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/15/22 05:06	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/15/22 05:06	1
Iodomethane	ND *-*1		2.0	0.30	ug/L			07/15/22 05:06	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/15/22 05:06	1
Methacrylonitrile	ND		10	0.69	ug/L			07/15/22 05:06	1
Methyl methacrylate	ND		10	0.61	ug/L			07/15/22 05:06	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/15/22 05:06	1
Naphthalene	ND		1.0	0.43	ug/L			07/15/22 05:06	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/15/22 05:06	1
Propionitrile	ND		50	5.8	ug/L			07/15/22 05:06	1

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Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: LD-1

Date Collected: 07/11/22 17:12

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199769-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			07/15/22 05:06	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/15/22 05:06	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/15/22 05:06	1
Toluene	ND		2.0	0.51	ug/L			07/15/22 05:06	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/15/22 05:06	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/15/22 05:06	1
Trichloroethene	ND		2.0	0.46	ug/L			07/15/22 05:06	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/15/22 05:06	1
Vinyl acetate	ND		10	0.85	ug/L			07/15/22 05:06	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/15/22 05:06	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/15/22 05:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		07/15/22 05:06	1
4-Bromofluorobenzene (Surr)	92		73 - 120		07/15/22 05:06	1
Toluene-d8 (Surr)	99		80 - 120		07/15/22 05:06	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.015		0.011	0.0077	ug/L		07/20/22 18:44	07/20/22 22:50	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		07/20/22 18:44	07/20/22 22:50	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		07/20/22 08:59	07/20/22 22:15	1
PCB-1221	ND		0.50	0.18	ug/L		07/20/22 08:59	07/20/22 22:15	1
PCB-1232	ND		0.50	0.18	ug/L		07/20/22 08:59	07/20/22 22:15	1
PCB-1242	ND		0.50	0.18	ug/L		07/20/22 08:59	07/20/22 22:15	1
PCB-1248	ND		0.50	0.18	ug/L		07/20/22 08:59	07/20/22 22:15	1
PCB-1254	ND		0.50	0.25	ug/L		07/20/22 08:59	07/20/22 22:15	1
PCB-1260	ND		0.50	0.25	ug/L		07/20/22 08:59	07/20/22 22:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	36		19 - 120		07/20/22 08:59	07/20/22 22:15
Tetrachloro-m-xylene	88		39 - 121		07/20/22 08:59	07/20/22 22:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	14.7		1.0	0.43	mg/L			07/17/22 02:09	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.24				SU			07/11/22 17:12	1
Field Conductivity	2560				umhos/cm			07/11/22 17:12	1
Field Temperature	15.7				Degrees C			07/11/22 17:12	1

Client Sample Results

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
 SDG: TSCA Quarterly Sampling

Client Sample ID: LD-2

Date Collected: 07/11/22 17:24

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199769-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/15/22 05:29	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/15/22 05:29	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/15/22 05:29	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/15/22 05:29	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			07/15/22 05:29	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/15/22 05:29	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/15/22 05:29	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/15/22 05:29	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/15/22 05:29	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/15/22 05:29	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			07/15/22 05:29	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/15/22 05:29	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/15/22 05:29	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/15/22 05:29	1
1,4-Dioxane	ND		40	9.3	ug/L			07/15/22 05:29	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/15/22 05:29	1
2-Hexanone	ND		10	1.2	ug/L			07/15/22 05:29	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/15/22 05:29	1
Acetone	ND		10	3.0	ug/L			07/15/22 05:29	1
Acetonitrile	ND		170	4.9	ug/L			07/15/22 05:29	1
Acrolein	ND		20	0.91	ug/L			07/15/22 05:29	1
Acrylonitrile	ND		20	0.83	ug/L			07/15/22 05:29	1
Allyl chloride	ND		2.0	0.44	ug/L			07/15/22 05:29	1
Benzene	ND		2.0	0.41	ug/L			07/15/22 05:29	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/15/22 05:29	1
Bromoform	ND		2.0	0.26	ug/L			07/15/22 05:29	1
Bromomethane	ND		2.0	0.69	ug/L			07/15/22 05:29	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/15/22 05:29	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/15/22 05:29	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/15/22 05:29	1
Chloroethane	ND		2.0	0.32	ug/L			07/15/22 05:29	1
Chloroform	ND		2.0	0.34	ug/L			07/15/22 05:29	1
Chloromethane	ND		2.0	0.35	ug/L			07/15/22 05:29	1
Chloroprene	ND		1.0	0.49	ug/L			07/15/22 05:29	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/15/22 05:29	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/15/22 05:29	1
Dibromomethane	ND		2.0	0.41	ug/L			07/15/22 05:29	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/15/22 05:29	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/15/22 05:29	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/15/22 05:29	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/15/22 05:29	1
Iodomethane	ND *-*1		2.0	0.30	ug/L			07/15/22 05:29	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/15/22 05:29	1
Methacrylonitrile	ND		10	0.69	ug/L			07/15/22 05:29	1
Methyl methacrylate	ND		10	0.61	ug/L			07/15/22 05:29	1
Methylene Chloride	ND		2.0	0.44	ug/L			07/15/22 05:29	1
Naphthalene	ND		1.0	0.43	ug/L			07/15/22 05:29	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/15/22 05:29	1
Propionitrile	ND		50	5.8	ug/L			07/15/22 05:29	1

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Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: LD-2

Date Collected: 07/11/22 17:24

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199769-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			07/15/22 05:29	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/15/22 05:29	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/15/22 05:29	1
Toluene	ND		2.0	0.51	ug/L			07/15/22 05:29	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/15/22 05:29	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/15/22 05:29	1
Trichloroethene	ND		2.0	0.46	ug/L			07/15/22 05:29	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/15/22 05:29	1
Vinyl acetate	ND		10	0.85	ug/L			07/15/22 05:29	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/15/22 05:29	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/15/22 05:29	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		104		77 - 120				07/15/22 05:29	1
4-Bromofluorobenzene (Surr)		99		73 - 120				07/15/22 05:29	1
Toluene-d8 (Surr)		101		80 - 120				07/15/22 05:29	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L		07/20/22 18:44	07/20/22 23:10	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		07/20/22 18:44	07/20/22 23:10	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		07/20/22 08:59	07/20/22 22:28	1
PCB-1221	ND		0.50	0.18	ug/L		07/20/22 08:59	07/20/22 22:28	1
PCB-1232	ND		0.50	0.18	ug/L		07/20/22 08:59	07/20/22 22:28	1
PCB-1242	ND		0.50	0.18	ug/L		07/20/22 08:59	07/20/22 22:28	1
PCB-1248	ND		0.50	0.18	ug/L		07/20/22 08:59	07/20/22 22:28	1
PCB-1254	ND		0.50	0.25	ug/L		07/20/22 08:59	07/20/22 22:28	1
PCB-1260	ND		0.50	0.25	ug/L		07/20/22 08:59	07/20/22 22:28	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		44		19 - 120				07/20/22 08:59	07/20/22 22:28
Tetrachloro-m-xylene		91		39 - 121				07/20/22 08:59	07/20/22 22:28

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	13.1		1.0	0.43	mg/L			07/17/22 02:38	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.41				SU			07/11/22 17:24	1
Field Conductivity	2040				umhos/cm			07/11/22 17:24	1
Field Temperature	15.9				Degrees C			07/11/22 17:24	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: LD-3

Date Collected: 07/12/22 09:37

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199769-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/15/22 18:08	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/15/22 18:08	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/15/22 18:08	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/15/22 18:08	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			07/15/22 18:08	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/15/22 18:08	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/15/22 18:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/15/22 18:08	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/15/22 18:08	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/15/22 18:08	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			07/15/22 18:08	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/15/22 18:08	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/15/22 18:08	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/15/22 18:08	1
1,4-Dioxane	ND		40	9.3	ug/L			07/15/22 18:08	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			07/15/22 18:08	1
2-Hexanone	ND		10	1.2	ug/L			07/15/22 18:08	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/15/22 18:08	1
Acetone	ND		10	3.0	ug/L			07/15/22 18:08	1
Acetonitrile	ND		170	4.9	ug/L			07/15/22 18:08	1
Acrolein	ND		20	0.91	ug/L			07/15/22 18:08	1
Acrylonitrile	ND		20	0.83	ug/L			07/15/22 18:08	1
Allyl chloride	ND		2.0	0.44	ug/L			07/15/22 18:08	1
Benzene	ND		2.0	0.41	ug/L			07/15/22 18:08	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/15/22 18:08	1
Bromoform	ND		2.0	0.26	ug/L			07/15/22 18:08	1
Bromomethane	ND		2.0	0.69	ug/L			07/15/22 18:08	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/15/22 18:08	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/15/22 18:08	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/15/22 18:08	1
Chloroethane	ND		2.0	0.32	ug/L			07/15/22 18:08	1
Chloroform	ND		2.0	0.34	ug/L			07/15/22 18:08	1
Chloromethane	ND		2.0	0.35	ug/L			07/15/22 18:08	1
Chloroprene	ND		1.0	0.49	ug/L			07/15/22 18:08	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/15/22 18:08	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/15/22 18:08	1
Dibromomethane	ND		2.0	0.41	ug/L			07/15/22 18:08	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/15/22 18:08	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/15/22 18:08	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/15/22 18:08	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/15/22 18:08	1
Iodomethane	ND	**-	2.0	0.30	ug/L			07/15/22 18:08	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/15/22 18:08	1
Methacrylonitrile	ND		10	0.69	ug/L			07/15/22 18:08	1
Methyl methacrylate	ND		10	0.61	ug/L			07/15/22 18:08	1
Methylene Chloride	ND	**-	2.0	0.44	ug/L			07/15/22 18:08	1
Naphthalene	ND		1.0	0.43	ug/L			07/15/22 18:08	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/15/22 18:08	1
Propionitrile	ND		50	5.8	ug/L			07/15/22 18:08	1

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Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: LD-3

Date Collected: 07/12/22 09:37

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199769-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			07/15/22 18:08	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/15/22 18:08	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/15/22 18:08	1
Toluene	ND		2.0	0.51	ug/L			07/15/22 18:08	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/15/22 18:08	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/15/22 18:08	1
Trichloroethene	ND		2.0	0.46	ug/L			07/15/22 18:08	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/15/22 18:08	1
Vinyl acetate	ND	*+	10	0.85	ug/L			07/15/22 18:08	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/15/22 18:08	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/15/22 18:08	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		102		77 - 120				07/15/22 18:08	1
4-Bromofluorobenzene (Surr)		97		73 - 120				07/15/22 18:08	1
Toluene-d8 (Surr)		99		80 - 120				07/15/22 18:08	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		07/20/22 18:44	07/20/22 23:30	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		07/20/22 18:44	07/20/22 23:30	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		07/20/22 08:59	07/20/22 22:41	1
PCB-1221	ND		0.50	0.18	ug/L		07/20/22 08:59	07/20/22 22:41	1
PCB-1232	ND		0.50	0.18	ug/L		07/20/22 08:59	07/20/22 22:41	1
PCB-1242	ND		0.50	0.18	ug/L		07/20/22 08:59	07/20/22 22:41	1
PCB-1248	ND		0.50	0.18	ug/L		07/20/22 08:59	07/20/22 22:41	1
PCB-1254	ND		0.50	0.25	ug/L		07/20/22 08:59	07/20/22 22:41	1
PCB-1260	ND		0.50	0.25	ug/L		07/20/22 08:59	07/20/22 22:41	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		47		19 - 120				07/20/22 08:59	07/20/22 22:41
Tetrachloro-m-xylene		91		39 - 121				07/20/22 08:59	07/20/22 22:41

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.4	B	1.0	0.43	mg/L			07/20/22 22:11	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.50				SU			07/12/22 09:37	1
Field Conductivity	1887				umhos/cm			07/12/22 09:37	1
Field Temperature	15.5				Degrees C			07/12/22 09:37	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1

SDG: TSCA Quarterly Sampling

Client Sample ID: LD-4

Date Collected: 07/12/22 08:57

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199769-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/15/22 18:32	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/15/22 18:32	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/15/22 18:32	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/15/22 18:32	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			07/15/22 18:32	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/15/22 18:32	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/15/22 18:32	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/15/22 18:32	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/15/22 18:32	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/15/22 18:32	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			07/15/22 18:32	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/15/22 18:32	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/15/22 18:32	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/15/22 18:32	1
1,4-Dioxane	ND		40	9.3	ug/L			07/15/22 18:32	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			07/15/22 18:32	1
2-Hexanone	ND		10	1.2	ug/L			07/15/22 18:32	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/15/22 18:32	1
Acetone	ND		10	3.0	ug/L			07/15/22 18:32	1
Acetonitrile	ND		170	4.9	ug/L			07/15/22 18:32	1
Acrolein	ND		20	0.91	ug/L			07/15/22 18:32	1
Acrylonitrile	ND		20	0.83	ug/L			07/15/22 18:32	1
Allyl chloride	ND		2.0	0.44	ug/L			07/15/22 18:32	1
Benzene	ND		2.0	0.41	ug/L			07/15/22 18:32	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/15/22 18:32	1
Bromoform	ND		2.0	0.26	ug/L			07/15/22 18:32	1
Bromomethane	ND		2.0	0.69	ug/L			07/15/22 18:32	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/15/22 18:32	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/15/22 18:32	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/15/22 18:32	1
Chloroethane	ND		2.0	0.32	ug/L			07/15/22 18:32	1
Chloroform	ND		2.0	0.34	ug/L			07/15/22 18:32	1
Chloromethane	ND		2.0	0.35	ug/L			07/15/22 18:32	1
Chloroprene	ND		1.0	0.49	ug/L			07/15/22 18:32	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/15/22 18:32	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/15/22 18:32	1
Dibromomethane	ND		2.0	0.41	ug/L			07/15/22 18:32	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/15/22 18:32	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/15/22 18:32	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/15/22 18:32	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/15/22 18:32	1
Iodomethane	ND	**-	2.0	0.30	ug/L			07/15/22 18:32	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/15/22 18:32	1
Methacrylonitrile	ND		10	0.69	ug/L			07/15/22 18:32	1
Methyl methacrylate	ND		10	0.61	ug/L			07/15/22 18:32	1
Methylene Chloride	ND	**-	2.0	0.44	ug/L			07/15/22 18:32	1
Naphthalene	ND		1.0	0.43	ug/L			07/15/22 18:32	1
Pentachloroethane	ND		1.0	0.34	ug/L			07/15/22 18:32	1
Propionitrile	ND		50	5.8	ug/L			07/15/22 18:32	1

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Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: LD-4

Date Collected: 07/12/22 08:57

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199769-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			07/15/22 18:32	1
Tetrachloroethene	ND		2.0	0.36	ug/L			07/15/22 18:32	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			07/15/22 18:32	1
Toluene	ND		2.0	0.51	ug/L			07/15/22 18:32	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			07/15/22 18:32	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/15/22 18:32	1
Trichloroethene	ND		2.0	0.46	ug/L			07/15/22 18:32	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/15/22 18:32	1
Vinyl acetate	ND	*+	10	0.85	ug/L			07/15/22 18:32	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/15/22 18:32	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/15/22 18:32	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		103		77 - 120				07/15/22 18:32	1
4-Bromofluorobenzene (Surr)		100		73 - 120				07/15/22 18:32	1
Toluene-d8 (Surr)		102		80 - 120				07/15/22 18:32	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L		07/20/22 18:44	07/21/22 00:10	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0059	ug/L		07/20/22 18:44	07/21/22 00:10	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		07/20/22 08:59	07/20/22 22:55	1
PCB-1221	ND		0.50	0.18	ug/L		07/20/22 08:59	07/20/22 22:55	1
PCB-1232	ND		0.50	0.18	ug/L		07/20/22 08:59	07/20/22 22:55	1
PCB-1242	ND		0.50	0.18	ug/L		07/20/22 08:59	07/20/22 22:55	1
PCB-1248	ND		0.50	0.18	ug/L		07/20/22 08:59	07/20/22 22:55	1
PCB-1254	ND		0.50	0.25	ug/L		07/20/22 08:59	07/20/22 22:55	1
PCB-1260	ND		0.50	0.25	ug/L		07/20/22 08:59	07/20/22 22:55	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		51		19 - 120				07/20/22 08:59	07/20/22 22:55
Tetrachloro-m-xylene		105		39 - 121				07/20/22 08:59	07/20/22 22:55

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.1	B	1.0	0.43	mg/L			07/20/22 22:41	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.22				SU			07/12/22 08:57	1
Field Conductivity	1786				umhos/cm			07/12/22 08:57	1
Field Temperature	15.4				Degrees C			07/12/22 08:57	1

Surrogate Summary

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		DCA (77-120)	BFB (73-120)	TOL (80-120)
480-199714-1	C-6	104	101	104
480-199714-2	C-9	102	89	97
480-199714-3	C-10	103	103	104
480-199714-4	C-12	103	95	101
480-199714-5	C-2	102	97	101
480-199719-1	U-15	104	100	102
480-199719-2	U-17	103	100	101
480-199719-3	U-16	101	95	98
480-199719-4	U-18	103	101	100
480-199719-5	U-22A	102	96	101
480-199719-6	U-21A	101	100	99
480-199719-7	U-21	103	101	101
480-199719-8	U-22	102	95	98
480-199719-9	U-23	103	98	100
480-199719-10	U-24	101	89	96
480-199719-11	U-25	103	101	100
480-199719-12	DUP TSCA 1	103	98	100
480-199748-1	U-3	107	106	100
480-199748-2	U-5	107	103	98
480-199748-2 MS	U-5 MS	103	106	105
480-199748-2 MSD	U-5 MSD	101	108	102
480-199748-3	U-6	110	104	100
480-199748-4	U-10	105	102	98
480-199748-5	DUP TSCA 2	103	104	99
480-199748-6	U-13	105	102	97
480-199748-7	U-4	106	102	97
480-199748-8	DUP TSCA 3	102	101	97
480-199748-9	FIELD BLANK TSCA	105	102	99
480-199748-10	U-26	109	100	100
480-199748-11	U-19	106	105	102
480-199748-12	U-20	105	105	100
480-199748-13	U-11	104	107	99
480-199748-14	U-12	105	104	97
480-199748-15	U-14	103	102	97
480-199748-16	TRIP BLANK	102	100	98
480-199769-1	LD-1	102	92	99
480-199769-2	LD-2	104	99	101
480-199769-3	LD-3	102	97	99
480-199769-4	LD-4	103	100	102
LCS 480-633389/6	Lab Control Sample	100	100	98
LCS 480-633521/6	Lab Control Sample	104	102	101
LCS 480-633588/6	Lab Control Sample	102	107	105
LCS 480-633608/6	Lab Control Sample	97	92	97
LCS 480-633683/5	Lab Control Sample	101	94	97
LCS 480-633749/6	Lab Control Sample	101	109	103
LCSD 480-633389/7	Lab Control Sample Dup	99	102	100
LCSD 480-633521/7	Lab Control Sample Dup	101	100	100
LCSD 480-633608/7	Lab Control Sample Dup	101	102	101
MB 480-633389/9	Method Blank	101	93	98

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Surrogate Summary

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		DCA (77-120)	BFB (73-120)	TOL (80-120)
MB 480-633521/9	Method Blank	101	101	101
MB 480-633588/8	Method Blank	107	102	101
MB 480-633608/9	Method Blank	102	100	100
MB 480-633683/8	Method Blank	103	99	100
MB 480-633749/8	Method Blank	100	105	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1 (19-120)	DCBP2 (19-120)	TCX1 (39-121)	TCX2 (39-121)
480-199714-1	C-6	35	37	73	84
480-199714-2	C-9	37	41	70	78
480-199714-3	C-10	33	36	70	79
480-199714-4	C-12	45	48	66	78
480-199714-5	C-2	40	44	65	78
480-199719-1	U-15	46	50	75	89
480-199719-2	U-17	62	68	74	89
480-199719-3	U-16	48	53	72	87
480-199719-4	U-18	56	62	80	96
480-199719-5	U-22A	47	52	78	93
480-199719-6	U-21A	55	61	68	80
480-199719-7	U-21	47	53	58	70
480-199719-8	U-22	46	52	66	80
480-199719-9	U-23	52	59	65	78
480-199719-10	U-24	52	58	71	86
480-199719-11	U-25	47	52	73	87
480-199719-12	DUP TSCA 1	56	64	84	99
480-199748-1	U-3		50		67
480-199748-2	U-5		52		67
480-199748-2 MS	U-5 MS		37		66
480-199748-2 MSD	U-5 MSD		37		67
480-199748-3	U-6		62		74
480-199748-4	U-10		58		69
480-199748-5	DUP TSCA 2		62		73
480-199748-6	U-13		70		67
480-199748-7	U-4		65		77
480-199748-8	DUP TSCA 3		58		64
480-199748-9	FIELD BLANK TSCA		57		70
480-199748-10	U-26		61		75
480-199748-11	U-19		70		78
480-199748-12	U-20		71		85
480-199748-13	U-11		64		88
480-199748-14	U-12		67		79
480-199748-15	U-14		64		72

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Surrogate Summary

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1 (19-120)	DCBP2 (19-120)	TCX1 (39-121)	TCX2 (39-121)
480-199769-1	LD-1		36	88	
480-199769-2	LD-2		44	91	
480-199769-3	LD-3		47	91	
480-199769-4	LD-4		51	105	
LCS 480-633459/2-A	Lab Control Sample	42	47	59	67
LCS 480-633848/2-A	Lab Control Sample		40	75	
LCS 480-634155/2-A	Lab Control Sample		37	77	
LCSD 480-633459/3-A	Lab Control Sample Dup	40	43	70	84
MB 480-633459/1-A	Method Blank	40	45	55	64
MB 480-633848/1-A	Method Blank		57	69	
MB 480-634155/1-A	Method Blank		40	78	

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

QC Sample Results

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-633389/9

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 633389

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
1,1,1,2-Tetrachloroethane	ND				2.0	0.35	ug/L			07/13/22 13:00	1
1,1,1-Trichloroethane	ND				2.0	0.82	ug/L			07/13/22 13:00	1
1,1,2,2-Tetrachloroethane	ND				2.0	0.21	ug/L			07/13/22 13:00	1
1,1,2-Trichloroethane	ND				2.0	0.23	ug/L			07/13/22 13:00	1
1,1-Dichloroethane	ND				2.0	0.38	ug/L			07/13/22 13:00	1
1,1-Dichloroethene	ND				2.0	0.29	ug/L			07/13/22 13:00	1
1,2,3-Trichloropropane	ND				2.0	0.89	ug/L			07/13/22 13:00	1
1,2,4-Trichlorobenzene	ND				1.0	0.41	ug/L			07/13/22 13:00	1
1,2-Dichlorobenzene	ND				1.0	0.79	ug/L			07/13/22 13:00	1
1,2-Dichloroethane	ND				2.0	0.21	ug/L			07/13/22 13:00	1
1,2-Dichloroethene, Total	ND				2.0	0.81	ug/L			07/13/22 13:00	1
1,2-Dichloropropane	ND				2.0	0.72	ug/L			07/13/22 13:00	1
1,3-Dichlorobenzene	ND				1.0	0.78	ug/L			07/13/22 13:00	1
1,4-Dichlorobenzene	ND				1.0	0.84	ug/L			07/13/22 13:00	1
1,4-Dioxane	ND				40	9.3	ug/L			07/13/22 13:00	1
2-Butanone (MEK)	ND				10	1.3	ug/L			07/13/22 13:00	1
2-Hexanone	ND				10	1.2	ug/L			07/13/22 13:00	1
4-Methyl-2-pentanone (MIBK)	ND				10	2.1	ug/L			07/13/22 13:00	1
Acetone	ND				10	3.0	ug/L			07/13/22 13:00	1
Acetonitrile	ND				170	4.9	ug/L			07/13/22 13:00	1
Acrolein	ND				20	0.91	ug/L			07/13/22 13:00	1
Acrylonitrile	ND				20	0.83	ug/L			07/13/22 13:00	1
Benzene	ND				2.0	0.41	ug/L			07/13/22 13:00	1
Bromoform	ND				2.0	0.26	ug/L			07/13/22 13:00	1
Bromomethane	ND				2.0	0.69	ug/L			07/13/22 13:00	1
Carbon disulfide	ND				2.0	0.19	ug/L			07/13/22 13:00	1
Carbon tetrachloride	ND				2.0	0.27	ug/L			07/13/22 13:00	1
Chlorobenzene	ND				2.0	0.75	ug/L			07/13/22 13:00	1
Chloroethane	ND				2.0	0.32	ug/L			07/13/22 13:00	1
Chloroform	ND				2.0	0.34	ug/L			07/13/22 13:00	1
Chloromethane	ND				2.0	0.35	ug/L			07/13/22 13:00	1
Chloroprene	ND				1.0	0.49	ug/L			07/13/22 13:00	1
Bromodichloromethane	ND				2.0	0.39	ug/L			07/13/22 13:00	1
Dibromochloromethane	ND				2.0	0.32	ug/L			07/13/22 13:00	1
Dibromomethane	ND				2.0	0.41	ug/L			07/13/22 13:00	1
Dichlorodifluoromethane	ND				2.0	0.68	ug/L			07/13/22 13:00	1
Ethyl methacrylate	ND				2.0	0.59	ug/L			07/13/22 13:00	1
Ethylbenzene	ND				2.0	0.74	ug/L			07/13/22 13:00	1
Hexachlorobutadiene	ND				1.0	0.28	ug/L			07/13/22 13:00	1
Iodomethane	ND				2.0	0.30	ug/L			07/13/22 13:00	1
Isobutyl alcohol	ND				1000	4.8	ug/L			07/13/22 13:00	1
Methacrylonitrile	ND				10	0.69	ug/L			07/13/22 13:00	1
Methyl methacrylate	ND				10	0.61	ug/L			07/13/22 13:00	1
Methylene Chloride	ND				2.0	0.44	ug/L			07/13/22 13:00	1
Naphthalene	ND				1.0	0.43	ug/L			07/13/22 13:00	1
Pentachloroethane	ND				1.0	0.34	ug/L			07/13/22 13:00	1
Propionitrile	ND				50	5.8	ug/L			07/13/22 13:00	1
Tetrachloroethene	ND				2.0	0.36	ug/L			07/13/22 13:00	1

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-633389/9

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 633389

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
Tetrahydrofuran	ND				5.0	1.3	ug/L			07/13/22 13:00	1
Toluene	ND				2.0	0.51	ug/L			07/13/22 13:00	1
trans-1,3-Dichloropropene	ND				2.0	0.37	ug/L			07/13/22 13:00	1
trans-1,4-Dichloro-2-butene	ND				5.0	0.22	ug/L			07/13/22 13:00	1
Trichloroethene	ND				2.0	0.46	ug/L			07/13/22 13:00	1
Trichlorofluoromethane	ND				2.0	0.88	ug/L			07/13/22 13:00	1
cis-1,3-Dichloropropene	ND				2.0	0.36	ug/L			07/13/22 13:00	1
Vinyl acetate	ND				10	0.85	ug/L			07/13/22 13:00	1
Styrene	ND				2.0	0.73	ug/L			07/13/22 13:00	1
Vinyl chloride	ND				1.0	0.90	ug/L			07/13/22 13:00	1
Allyl chloride	ND				2.0	0.44	ug/L			07/13/22 13:00	1
Xylenes, Total	ND				3.0	0.66	ug/L			07/13/22 13:00	1
Surrogate		MB	MB								
Surrogate		%Recovery	Qualifier		Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		101			77 - 120					07/13/22 13:00	1
4-Bromofluorobenzene (Surr)		93			73 - 120					07/13/22 13:00	1
Toluene-d8 (Surr)		98			80 - 120					07/13/22 13:00	1

Lab Sample ID: LCS 480-633389/6

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 633389

Analyte	Spike Added	LC S	LC S	Result	Qualifier	Unit	D	%Rec	Limits	%Rec	Dil Fac
		LC	S								
1,1-Dichloroethene	25.0	22.6				ug/L		90	66 - 127		
Benzene	25.0	22.1				ug/L		89	71 - 124		
Chlorobenzene	25.0	22.7				ug/L		91	80 - 120		
Toluene	25.0	22.0				ug/L		88	80 - 122		
Trichloroethene	25.0	22.1				ug/L		88	74 - 123		
Surrogate		LC S	LC S								
Surrogate		%Recovery	Qualifier		Limits						
1,2-Dichloroethane-d4 (Surr)		100			77 - 120						
4-Bromofluorobenzene (Surr)		100			73 - 120						
Toluene-d8 (Surr)		98			80 - 120						

Lab Sample ID: LCSD 480-633389/7

Client Sample ID: Lab Control Sample Dup

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 633389

Analyte	Spike Added	LC SD	LC SD	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
		LC	SD								
1,1-Dichloroethene	25.0	24.6				ug/L		98	66 - 127	9	16
Benzene	25.0	23.2				ug/L		93	71 - 124	4	13
Chlorobenzene	25.0	24.5				ug/L		98	80 - 120	7	25
Toluene	25.0	23.7				ug/L		95	80 - 122	8	15
Trichloroethene	25.0	23.7				ug/L		95	74 - 123	7	16
Surrogate		LC SD	LC SD								
Surrogate		%Recovery	Qualifier		Limits						
1,2-Dichloroethane-d4 (Surr)		99			77 - 120						
4-Bromofluorobenzene (Surr)		102			73 - 120						

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 480-633389/7

Matrix: Water

Analysis Batch: 633389

Surrogate	LCSD	LCSD	
	%Recovery	Qualifier	Limits
Toluene-d8 (Surr)	100		80 - 120

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Lab Sample ID: MB 480-633521/9

Matrix: Water

Analysis Batch: 633521

Analyte	MB	MB				D	Prepared	Analyzed	Dil Fac
	Result	Qualifier	RL	MDL	Unit				
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/14/22 12:58	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/14/22 12:58	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/14/22 12:58	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/14/22 12:58	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			07/14/22 12:58	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/14/22 12:58	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/14/22 12:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/14/22 12:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/14/22 12:58	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/14/22 12:58	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			07/14/22 12:58	1
1,2-Dichloropropene	ND		2.0	0.72	ug/L			07/14/22 12:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/14/22 12:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/14/22 12:58	1
1,4-Dioxane	ND		40	9.3	ug/L			07/14/22 12:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/14/22 12:58	1
2-Hexanone	ND		10	1.2	ug/L			07/14/22 12:58	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/14/22 12:58	1
Acetone	ND		10	3.0	ug/L			07/14/22 12:58	1
Acetonitrile	ND		170	4.9	ug/L			07/14/22 12:58	1
Acrolein	ND		20	0.91	ug/L			07/14/22 12:58	1
Acrylonitrile	ND		20	0.83	ug/L			07/14/22 12:58	1
Benzene	ND		2.0	0.41	ug/L			07/14/22 12:58	1
Bromoform	ND		2.0	0.26	ug/L			07/14/22 12:58	1
Bromomethane	ND		2.0	0.69	ug/L			07/14/22 12:58	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/14/22 12:58	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/14/22 12:58	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/14/22 12:58	1
Chloroethane	ND		2.0	0.32	ug/L			07/14/22 12:58	1
Chloroform	ND		2.0	0.34	ug/L			07/14/22 12:58	1
Chloromethane	ND		2.0	0.35	ug/L			07/14/22 12:58	1
Chloroprene	ND		1.0	0.49	ug/L			07/14/22 12:58	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/14/22 12:58	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/14/22 12:58	1
Dibromomethane	ND		2.0	0.41	ug/L			07/14/22 12:58	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			07/14/22 12:58	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			07/14/22 12:58	1
Ethylbenzene	ND		2.0	0.74	ug/L			07/14/22 12:58	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			07/14/22 12:58	1
Iodomethane	ND		2.0	0.30	ug/L			07/14/22 12:58	1
Isobutyl alcohol	ND		1000	4.8	ug/L			07/14/22 12:58	1

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-633521/9

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 633521

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
Methacrylonitrile	ND				10	0.69	ug/L			07/14/22 12:58	1
Methyl methacrylate	ND				10	0.61	ug/L			07/14/22 12:58	1
Methylene Chloride	ND				2.0	0.44	ug/L			07/14/22 12:58	1
Naphthalene	ND				1.0	0.43	ug/L			07/14/22 12:58	1
Pentachloroethane	ND				1.0	0.34	ug/L			07/14/22 12:58	1
Propionitrile	ND				50	5.8	ug/L			07/14/22 12:58	1
Tetrachloroethene	ND				2.0	0.36	ug/L			07/14/22 12:58	1
Tetrahydrofuran	ND				5.0	1.3	ug/L			07/14/22 12:58	1
Toluene	ND				2.0	0.51	ug/L			07/14/22 12:58	1
trans-1,3-Dichloropropene	ND				2.0	0.37	ug/L			07/14/22 12:58	1
trans-1,4-Dichloro-2-butene	ND				5.0	0.22	ug/L			07/14/22 12:58	1
Trichloroethene	ND				2.0	0.46	ug/L			07/14/22 12:58	1
Trichlorofluoromethane	ND				2.0	0.88	ug/L			07/14/22 12:58	1
cis-1,3-Dichloropropene	ND				2.0	0.36	ug/L			07/14/22 12:58	1
Vinyl acetate	ND				10	0.85	ug/L			07/14/22 12:58	1
Styrene	ND				2.0	0.73	ug/L			07/14/22 12:58	1
Vinyl chloride	ND				1.0	0.90	ug/L			07/14/22 12:58	1
Allyl chloride	ND				2.0	0.44	ug/L			07/14/22 12:58	1
Xylenes, Total	ND				3.0	0.66	ug/L			07/14/22 12:58	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2-Dichloroethane-d4 (Surr)	101		101		77 - 120			07/14/22 12:58	1
4-Bromofluorobenzene (Surr)	101		101		73 - 120			07/14/22 12:58	1
Toluene-d8 (Surr)	101		101		80 - 120			07/14/22 12:58	1

Lab Sample ID: LCS 480-633521/6

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 633521

Analyte	Spike	LCS	LCS	Result	Qualifier	Unit	D	%Rec	Limits		%Rec
	Added	Result	Qualifier								
1,1-Dichloroethene		25.0		23.4		ug/L		93	66 - 127		
Benzene		25.0		22.8		ug/L		91	71 - 124		
Chlorobenzene		25.0		23.5		ug/L		94	80 - 120		
Toluene		25.0		22.7		ug/L		91	80 - 122		
Trichloroethene		25.0		22.7		ug/L		91	74 - 123		

Surrogate	LCS	LCS	%Recovery	Qualifier	Limits	
	Result	Qualifier				
1,2-Dichloroethane-d4 (Surr)	104		104		77 - 120	
4-Bromofluorobenzene (Surr)	102		102		73 - 120	
Toluene-d8 (Surr)	101		101		80 - 120	

Lab Sample ID: LCSD 480-633521/7

Client Sample ID: Lab Control Sample Dup

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 633521

Analyte	Spike	LCSD	LCSD	Result	Qualifier	Unit	D	%Rec	Limits		RPD
	Added	Result	Qualifier								
1,1-Dichloroethene		25.0		22.1		ug/L		88	66 - 127	6	16
Benzene		25.0		22.0		ug/L		88	71 - 124	4	13

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 480-633521/7

Client Sample ID: Lab Control Sample Dup

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 633521

Analyte		Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD	Limit
		Added	Result	Qualifier							
Chlorobenzene		25.0	23.1		ug/L		92	80 - 120	2	25	
Toluene		25.0	22.2		ug/L		89	80 - 122	2	15	
Trichloroethene		25.0	22.1		ug/L		89	74 - 123	2	16	

Surrogate	LCSD	LCSD	Limits								
	%Recovery	Qualifier									
1,2-Dichloroethane-d4 (Surr)	101		77 - 120								
4-Bromofluorobenzene (Surr)	100		73 - 120								
Toluene-d8 (Surr)	100		80 - 120								

Lab Sample ID: MB 480-633588/8

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 633588

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/14/22 16:46	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			07/14/22 16:46	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			07/14/22 16:46	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			07/14/22 16:46	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			07/14/22 16:46	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			07/14/22 16:46	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			07/14/22 16:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/14/22 16:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/14/22 16:46	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			07/14/22 16:46	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			07/14/22 16:46	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			07/14/22 16:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/14/22 16:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/14/22 16:46	1
1,4-Dioxane	ND		40	9.3	ug/L			07/14/22 16:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/14/22 16:46	1
2-Hexanone	ND		10	1.2	ug/L			07/14/22 16:46	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			07/14/22 16:46	1
Acetone	ND		10	3.0	ug/L			07/14/22 16:46	1
Acetonitrile	ND		170	4.9	ug/L			07/14/22 16:46	1
Acrolein	ND		20	0.91	ug/L			07/14/22 16:46	1
Acrylonitrile	ND		20	0.83	ug/L			07/14/22 16:46	1
Benzene	ND		2.0	0.41	ug/L			07/14/22 16:46	1
Bromoform	ND		2.0	0.26	ug/L			07/14/22 16:46	1
Bromomethane	ND		2.0	0.69	ug/L			07/14/22 16:46	1
Carbon disulfide	ND		2.0	0.19	ug/L			07/14/22 16:46	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			07/14/22 16:46	1
Chlorobenzene	ND		2.0	0.75	ug/L			07/14/22 16:46	1
Chloroethane	ND		2.0	0.32	ug/L			07/14/22 16:46	1
Chloroform	ND		2.0	0.34	ug/L			07/14/22 16:46	1
Chloromethane	ND		2.0	0.35	ug/L			07/14/22 16:46	1
Chloroprene	ND		1.0	0.49	ug/L			07/14/22 16:46	1
Bromodichloromethane	ND		2.0	0.39	ug/L			07/14/22 16:46	1
Dibromochloromethane	ND		2.0	0.32	ug/L			07/14/22 16:46	1

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-633588/8

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 633588

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
Dibromomethane	ND				2.0	0.41	ug/L			07/14/22 16:46	1
Dichlorodifluoromethane	ND				2.0	0.68	ug/L			07/14/22 16:46	1
Ethyl methacrylate	ND				2.0	0.59	ug/L			07/14/22 16:46	1
Ethylbenzene	ND				2.0	0.74	ug/L			07/14/22 16:46	1
Hexachlorobutadiene	ND				1.0	0.28	ug/L			07/14/22 16:46	1
Iodomethane	ND				2.0	0.30	ug/L			07/14/22 16:46	1
Isobutyl alcohol	ND				1000	4.8	ug/L			07/14/22 16:46	1
Methacrylonitrile	ND				10	0.69	ug/L			07/14/22 16:46	1
Methyl methacrylate	ND				10	0.61	ug/L			07/14/22 16:46	1
Methylene Chloride	ND				2.0	0.44	ug/L			07/14/22 16:46	1
Naphthalene	ND				1.0	0.43	ug/L			07/14/22 16:46	1
Pentachloroethane	ND				1.0	0.34	ug/L			07/14/22 16:46	1
Propionitrile	ND				50	5.8	ug/L			07/14/22 16:46	1
Tetrachloroethene	ND				2.0	0.36	ug/L			07/14/22 16:46	1
Tetrahydrofuran	ND				5.0	1.3	ug/L			07/14/22 16:46	1
Toluene	ND				2.0	0.51	ug/L			07/14/22 16:46	1
trans-1,3-Dichloropropene	ND				2.0	0.37	ug/L			07/14/22 16:46	1
trans-1,4-Dichloro-2-butene	ND				5.0	0.22	ug/L			07/14/22 16:46	1
Trichloroethene	ND				2.0	0.46	ug/L			07/14/22 16:46	1
Trichlorofluoromethane	ND				2.0	0.88	ug/L			07/14/22 16:46	1
cis-1,3-Dichloropropene	ND				2.0	0.36	ug/L			07/14/22 16:46	1
Vinyl acetate	ND				10	0.85	ug/L			07/14/22 16:46	1
Styrene	ND				2.0	0.73	ug/L			07/14/22 16:46	1
Vinyl chloride	ND				1.0	0.90	ug/L			07/14/22 16:46	1
Allyl chloride	ND				2.0	0.44	ug/L			07/14/22 16:46	1
Xylenes, Total	ND				3.0	0.66	ug/L			07/14/22 16:46	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
1,2-Dichloroethane-d4 (Surr)	107		77 - 120				07/14/22 16:46	1
4-Bromofluorobenzene (Surr)	102		73 - 120				07/14/22 16:46	1
Toluene-d8 (Surr)	101		80 - 120				07/14/22 16:46	1

Lab Sample ID: LCS 480-633588/6

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 633588

Analyte	Spike	LCS	LCS	Result	Qualifier	Unit	D	%Rec	Limits
	Added	Result	Qualifier						
1,1-Dichloroethene		25.0		26.0		ug/L	104	66 - 127	
Benzene		25.0		25.9		ug/L	104	71 - 124	
Chlorobenzene		25.0		26.7		ug/L	107	80 - 120	
Toluene		25.0		25.6		ug/L	102	80 - 122	
Trichloroethene		25.0		26.3		ug/L	105	74 - 123	

Surrogate	LCS	LCS	%Recovery	Qualifier	Limits
	Result	Qualifier			
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		
4-Bromofluorobenzene (Surr)	107		73 - 120		
Toluene-d8 (Surr)	105		80 - 120		

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-633608/9

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 633608

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
1,1,1,2-Tetrachloroethane	ND				2.0	0.35	ug/L			07/15/22 01:08	1
1,1,1-Trichloroethane	ND				2.0	0.82	ug/L			07/15/22 01:08	1
1,1,2,2-Tetrachloroethane	ND				2.0	0.21	ug/L			07/15/22 01:08	1
1,1,2-Trichloroethane	ND				2.0	0.23	ug/L			07/15/22 01:08	1
1,1-Dichloroethane	ND				2.0	0.38	ug/L			07/15/22 01:08	1
1,1-Dichloroethene	ND				2.0	0.29	ug/L			07/15/22 01:08	1
1,2,3-Trichloropropane	ND				2.0	0.89	ug/L			07/15/22 01:08	1
1,2,4-Trichlorobenzene	ND				1.0	0.41	ug/L			07/15/22 01:08	1
1,2-Dichlorobenzene	ND				1.0	0.79	ug/L			07/15/22 01:08	1
1,2-Dichloroethane	ND				2.0	0.21	ug/L			07/15/22 01:08	1
1,2-Dichloroethene, Total	ND				2.0	0.81	ug/L			07/15/22 01:08	1
1,2-Dichloropropane	ND				2.0	0.72	ug/L			07/15/22 01:08	1
1,3-Dichlorobenzene	ND				1.0	0.78	ug/L			07/15/22 01:08	1
1,4-Dichlorobenzene	ND				1.0	0.84	ug/L			07/15/22 01:08	1
1,4-Dioxane	ND				40	9.3	ug/L			07/15/22 01:08	1
2-Butanone (MEK)	ND				10	1.3	ug/L			07/15/22 01:08	1
2-Hexanone	ND				10	1.2	ug/L			07/15/22 01:08	1
4-Methyl-2-pentanone (MIBK)	ND				10	2.1	ug/L			07/15/22 01:08	1
Acetone	ND				10	3.0	ug/L			07/15/22 01:08	1
Acetonitrile	ND				170	4.9	ug/L			07/15/22 01:08	1
Acrolein	ND				20	0.91	ug/L			07/15/22 01:08	1
Acrylonitrile	ND				20	0.83	ug/L			07/15/22 01:08	1
Benzene	ND				2.0	0.41	ug/L			07/15/22 01:08	1
Bromoform	ND				2.0	0.26	ug/L			07/15/22 01:08	1
Bromomethane	ND				2.0	0.69	ug/L			07/15/22 01:08	1
Carbon disulfide	ND				2.0	0.19	ug/L			07/15/22 01:08	1
Carbon tetrachloride	ND				2.0	0.27	ug/L			07/15/22 01:08	1
Chlorobenzene	ND				2.0	0.75	ug/L			07/15/22 01:08	1
Chloroethane	ND				2.0	0.32	ug/L			07/15/22 01:08	1
Chloroform	ND				2.0	0.34	ug/L			07/15/22 01:08	1
Chloromethane	ND				2.0	0.35	ug/L			07/15/22 01:08	1
Chloroprene	ND				1.0	0.49	ug/L			07/15/22 01:08	1
Bromodichloromethane	ND				2.0	0.39	ug/L			07/15/22 01:08	1
Dibromochloromethane	ND				2.0	0.32	ug/L			07/15/22 01:08	1
Dibromomethane	ND				2.0	0.41	ug/L			07/15/22 01:08	1
Dichlorodifluoromethane	ND				2.0	0.68	ug/L			07/15/22 01:08	1
Ethyl methacrylate	ND				2.0	0.59	ug/L			07/15/22 01:08	1
Ethylbenzene	ND				2.0	0.74	ug/L			07/15/22 01:08	1
Hexachlorobutadiene	ND				1.0	0.28	ug/L			07/15/22 01:08	1
Iodomethane	ND				2.0	0.30	ug/L			07/15/22 01:08	1
Isobutyl alcohol	ND				1000	4.8	ug/L			07/15/22 01:08	1
Methacrylonitrile	ND				10	0.69	ug/L			07/15/22 01:08	1
Methyl methacrylate	ND				10	0.61	ug/L			07/15/22 01:08	1
Methylene Chloride	ND				2.0	0.44	ug/L			07/15/22 01:08	1
Naphthalene	ND				1.0	0.43	ug/L			07/15/22 01:08	1
Pentachloroethane	ND				1.0	0.34	ug/L			07/15/22 01:08	1
Propionitrile	ND				50	5.8	ug/L			07/15/22 01:08	1
Tetrachloroethene	ND				2.0	0.36	ug/L			07/15/22 01:08	1

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-633608/9

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 633608

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
Tetrahydrofuran	ND				5.0	1.3	ug/L			07/15/22 01:08	1
Toluene	ND				2.0	0.51	ug/L			07/15/22 01:08	1
trans-1,3-Dichloropropene	ND				2.0	0.37	ug/L			07/15/22 01:08	1
trans-1,4-Dichloro-2-butene	ND				5.0	0.22	ug/L			07/15/22 01:08	1
Trichloroethene	ND				2.0	0.46	ug/L			07/15/22 01:08	1
Trichlorofluoromethane	ND				2.0	0.88	ug/L			07/15/22 01:08	1
cis-1,3-Dichloropropene	ND				2.0	0.36	ug/L			07/15/22 01:08	1
Vinyl acetate	ND				10	0.85	ug/L			07/15/22 01:08	1
Styrene	ND				2.0	0.73	ug/L			07/15/22 01:08	1
Vinyl chloride	ND				1.0	0.90	ug/L			07/15/22 01:08	1
Allyl chloride	ND				2.0	0.44	ug/L			07/15/22 01:08	1
Xylenes, Total	ND				3.0	0.66	ug/L			07/15/22 01:08	1
Surrogate		MB	MB								
Surrogate		%Recovery	Qualifier		Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		102			77 - 120					07/15/22 01:08	1
4-Bromofluorobenzene (Surr)		100			73 - 120					07/15/22 01:08	1
Toluene-d8 (Surr)		100			80 - 120					07/15/22 01:08	1

Lab Sample ID: LCS 480-633608/6

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 633608

Analyte	Spike Added	LC S	LC S	Result	Qualifier	Unit	D	%Rec	Limits	%Rec	Limits
		Added	Result								
1,1-Dichloroethene	25.0		23.1			ug/L		93	66 - 127		
Benzene	25.0		23.0			ug/L		92	71 - 124		
Chlorobenzene	25.0		23.3			ug/L		93	80 - 120		
Toluene	25.0		22.9			ug/L		92	80 - 122		
Trichloroethene	25.0		22.8			ug/L		91	74 - 123		
Surrogate		LC S	LC S								
Surrogate		%Recovery	Qualifier		Limits						
1,2-Dichloroethane-d4 (Surr)		97			77 - 120						
4-Bromofluorobenzene (Surr)		92			73 - 120						
Toluene-d8 (Surr)		97			80 - 120						

Lab Sample ID: LCSD 480-633608/7

Client Sample ID: Lab Control Sample Dup

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 633608

Analyte	Spike Added	LC SD	LC SD	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
		Added	Result								
1,1-Dichloroethene	25.0		21.7			ug/L		87	66 - 127	6	16
Benzene	25.0		21.9			ug/L		88	71 - 124	5	13
Chlorobenzene	25.0		22.4			ug/L		90	80 - 120	4	25
Toluene	25.0		21.7			ug/L		87	80 - 122	5	15
Trichloroethene	25.0		22.2			ug/L		89	74 - 123	3	16
Surrogate		LC SD	LC SD								
Surrogate		%Recovery	Qualifier		Limits						
1,2-Dichloroethane-d4 (Surr)		101			77 - 120						
4-Bromofluorobenzene (Surr)		102			73 - 120						

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 480-633608/7

Matrix: Water

Analysis Batch: 633608

Surrogate	LCSD	LCSD	
	%Recovery	Qualifier	Limits
Toluene-d8 (Surr)	101		80 - 120

Lab Sample ID: MB 480-633683/8

Matrix: Water

Analysis Batch: 633683

Analyte	MB	MB			D	Prepared	Analyzed	Dil Fac
	Result	Qualifier	RL	MDL	Unit			
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L		07/15/22 13:59	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L		07/15/22 13:59	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L		07/15/22 13:59	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L		07/15/22 13:59	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L		07/15/22 13:59	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L		07/15/22 13:59	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L		07/15/22 13:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L		07/15/22 13:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L		07/15/22 13:59	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L		07/15/22 13:59	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L		07/15/22 13:59	1
1,2-Dichloropropene	ND		2.0	0.72	ug/L		07/15/22 13:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L		07/15/22 13:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L		07/15/22 13:59	1
1,4-Dioxane	ND		40	9.3	ug/L		07/15/22 13:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L		07/15/22 13:59	1
2-Hexanone	ND		10	1.2	ug/L		07/15/22 13:59	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L		07/15/22 13:59	1
Acetone	ND		10	3.0	ug/L		07/15/22 13:59	1
Acetonitrile	ND		170	4.9	ug/L		07/15/22 13:59	1
Acrolein	ND		20	0.91	ug/L		07/15/22 13:59	1
Acrylonitrile	ND		20	0.83	ug/L		07/15/22 13:59	1
Benzene	ND		2.0	0.41	ug/L		07/15/22 13:59	1
Bromoform	ND		2.0	0.26	ug/L		07/15/22 13:59	1
Bromomethane	ND		2.0	0.69	ug/L		07/15/22 13:59	1
Carbon disulfide	ND		2.0	0.19	ug/L		07/15/22 13:59	1
Carbon tetrachloride	ND		2.0	0.27	ug/L		07/15/22 13:59	1
Chlorobenzene	ND		2.0	0.75	ug/L		07/15/22 13:59	1
Chloroethane	ND		2.0	0.32	ug/L		07/15/22 13:59	1
Chloroform	ND		2.0	0.34	ug/L		07/15/22 13:59	1
Chloromethane	ND		2.0	0.35	ug/L		07/15/22 13:59	1
Chloroprene	ND		1.0	0.49	ug/L		07/15/22 13:59	1
Bromodichloromethane	ND		2.0	0.39	ug/L		07/15/22 13:59	1
Dibromochloromethane	ND		2.0	0.32	ug/L		07/15/22 13:59	1
Dibromomethane	ND		2.0	0.41	ug/L		07/15/22 13:59	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L		07/15/22 13:59	1
Ethyl methacrylate	ND		2.0	0.59	ug/L		07/15/22 13:59	1
Ethylbenzene	ND		2.0	0.74	ug/L		07/15/22 13:59	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L		07/15/22 13:59	1
Iodomethane	ND		2.0	0.30	ug/L		07/15/22 13:59	1
Isobutyl alcohol	ND		1000	4.8	ug/L		07/15/22 13:59	1

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-633683/8

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 633683

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
Methacrylonitrile	ND				10	0.69	ug/L			07/15/22 13:59	1
Methyl methacrylate	ND				10	0.61	ug/L			07/15/22 13:59	1
Methylene Chloride	ND				2.0	0.44	ug/L			07/15/22 13:59	1
Naphthalene	ND				1.0	0.43	ug/L			07/15/22 13:59	1
Pentachloroethane	ND				1.0	0.34	ug/L			07/15/22 13:59	1
Propionitrile	ND				50	5.8	ug/L			07/15/22 13:59	1
Tetrachloroethene	ND				2.0	0.36	ug/L			07/15/22 13:59	1
Tetrahydrofuran	ND				5.0	1.3	ug/L			07/15/22 13:59	1
Toluene	ND				2.0	0.51	ug/L			07/15/22 13:59	1
trans-1,3-Dichloropropene	ND				2.0	0.37	ug/L			07/15/22 13:59	1
trans-1,4-Dichloro-2-butene	ND				5.0	0.22	ug/L			07/15/22 13:59	1
Trichloroethene	ND				2.0	0.46	ug/L			07/15/22 13:59	1
Trichlorofluoromethane	ND				2.0	0.88	ug/L			07/15/22 13:59	1
cis-1,3-Dichloropropene	ND				2.0	0.36	ug/L			07/15/22 13:59	1
Vinyl acetate	ND				10	0.85	ug/L			07/15/22 13:59	1
Styrene	ND				2.0	0.73	ug/L			07/15/22 13:59	1
Vinyl chloride	ND				1.0	0.90	ug/L			07/15/22 13:59	1
Allyl chloride	ND				2.0	0.44	ug/L			07/15/22 13:59	1
Xylenes, Total	ND				3.0	0.66	ug/L			07/15/22 13:59	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
	Result	Qualifier								
1,2-Dichloroethane-d4 (Surr)	103		103		77 - 120				07/15/22 13:59	1
4-Bromofluorobenzene (Surr)	99		99		73 - 120				07/15/22 13:59	1
Toluene-d8 (Surr)	100		100		80 - 120				07/15/22 13:59	1

Lab Sample ID: LCS 480-633683/5

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 633683

Analyte	MB	MB	Spike Added	LC S	LC S	Unit	D	%Rec	Limits	
	Result	Qualifier		Result	Qualifier					
1,1-Dichloroethene			25.0	19.9		ug/L	80	66 - 127		
Benzene			25.0	19.9		ug/L	80	71 - 124		
Chlorobenzene			25.0	20.9		ug/L	84	80 - 120		
Toluene			25.0	20.1		ug/L	80	80 - 122		
Trichloroethene			25.0	20.1		ug/L	81	74 - 123		

Surrogate	LC S	LC S	%Recovery	Qualifier	Limits	
	Result	Qualifier				
1,2-Dichloroethane-d4 (Surr)	101		101		77 - 120	
4-Bromofluorobenzene (Surr)	94		94		73 - 120	
Toluene-d8 (Surr)	97		97		80 - 120	

Lab Sample ID: MB 480-633749/8

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 633749

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
1,1,1,2-Tetrachloroethane	ND				2.0	0.35	ug/L			07/15/22 16:32	1
1,1,1-Trichloroethane	ND				2.0	0.82	ug/L			07/15/22 16:32	1

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-633749/8

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 633749

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		ND		2.0	0.21	ug/L			07/15/22 16:32	1
1,1,2-Trichloroethane	ND		ND		2.0	0.23	ug/L			07/15/22 16:32	1
1,1-Dichloroethane	ND		ND		2.0	0.38	ug/L			07/15/22 16:32	1
1,1-Dichloroethene	ND		ND		2.0	0.29	ug/L			07/15/22 16:32	1
1,2,3-Trichloropropane	ND		ND		2.0	0.89	ug/L			07/15/22 16:32	1
1,2,4-Trichlorobenzene	ND		ND		1.0	0.41	ug/L			07/15/22 16:32	1
1,2-Dichlorobenzene	ND		ND		1.0	0.79	ug/L			07/15/22 16:32	1
1,2-Dichloroethane	ND		ND		2.0	0.21	ug/L			07/15/22 16:32	1
1,2-Dichloroethene, Total	ND		ND		2.0	0.81	ug/L			07/15/22 16:32	1
1,2-Dichloropropane	ND		ND		2.0	0.72	ug/L			07/15/22 16:32	1
1,3-Dichlorobenzene	ND		ND		1.0	0.78	ug/L			07/15/22 16:32	1
1,4-Dichlorobenzene	ND		ND		1.0	0.84	ug/L			07/15/22 16:32	1
1,4-Dioxane	ND		ND		40	9.3	ug/L			07/15/22 16:32	1
2-Butanone (MEK)	ND		ND		10	1.3	ug/L			07/15/22 16:32	1
2-Hexanone	ND		ND		10	1.2	ug/L			07/15/22 16:32	1
4-Methyl-2-pentanone (MIBK)	ND		ND		10	2.1	ug/L			07/15/22 16:32	1
Acetone	ND		ND		10	3.0	ug/L			07/15/22 16:32	1
Acetonitrile	ND		ND		170	4.9	ug/L			07/15/22 16:32	1
Acrolein	ND		ND		20	0.91	ug/L			07/15/22 16:32	1
Acrylonitrile	ND		ND		20	0.83	ug/L			07/15/22 16:32	1
Benzene	ND		ND		2.0	0.41	ug/L			07/15/22 16:32	1
Bromoform	ND		ND		2.0	0.26	ug/L			07/15/22 16:32	1
Bromomethane	ND		ND		2.0	0.69	ug/L			07/15/22 16:32	1
Carbon disulfide	ND		ND		2.0	0.19	ug/L			07/15/22 16:32	1
Carbon tetrachloride	ND		ND		2.0	0.27	ug/L			07/15/22 16:32	1
Chlorobenzene	ND		ND		2.0	0.75	ug/L			07/15/22 16:32	1
Chloroethane	ND		ND		2.0	0.32	ug/L			07/15/22 16:32	1
Chloroform	ND		ND		2.0	0.34	ug/L			07/15/22 16:32	1
Chloromethane	ND		ND		2.0	0.35	ug/L			07/15/22 16:32	1
Chloroprene	ND		ND		1.0	0.49	ug/L			07/15/22 16:32	1
Bromodichloromethane	ND		ND		2.0	0.39	ug/L			07/15/22 16:32	1
Dibromochloromethane	ND		ND		2.0	0.32	ug/L			07/15/22 16:32	1
Dibromomethane	ND		ND		2.0	0.41	ug/L			07/15/22 16:32	1
Dichlorodifluoromethane	ND		ND		2.0	0.68	ug/L			07/15/22 16:32	1
Ethyl methacrylate	ND		ND		2.0	0.59	ug/L			07/15/22 16:32	1
Ethylbenzene	ND		ND		2.0	0.74	ug/L			07/15/22 16:32	1
Hexachlorobutadiene	ND		ND		1.0	0.28	ug/L			07/15/22 16:32	1
Iodomethane	ND		ND		2.0	0.30	ug/L			07/15/22 16:32	1
Isobutyl alcohol	ND		ND		1000	4.8	ug/L			07/15/22 16:32	1
Methacrylonitrile	ND		ND		10	0.69	ug/L			07/15/22 16:32	1
Methyl methacrylate	ND		ND		10	0.61	ug/L			07/15/22 16:32	1
Methylene Chloride	ND		ND		2.0	0.44	ug/L			07/15/22 16:32	1
Naphthalene	ND		ND		1.0	0.43	ug/L			07/15/22 16:32	1
Pentachloroethane	ND		ND		1.0	0.34	ug/L			07/15/22 16:32	1
Propionitrile	ND		ND		50	5.8	ug/L			07/15/22 16:32	1
Tetrachloroethene	ND		ND		2.0	0.36	ug/L			07/15/22 16:32	1
Tetrahydrofuran	ND		ND		5.0	1.3	ug/L			07/15/22 16:32	1
Toluene	ND		ND		2.0	0.51	ug/L			07/15/22 16:32	1
trans-1,3-Dichloropropene	ND		ND		2.0	0.37	ug/L			07/15/22 16:32	1

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-633749/8

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 633749

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			07/15/22 16:32	1
Trichloroethene	ND		2.0	0.46	ug/L			07/15/22 16:32	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			07/15/22 16:32	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			07/15/22 16:32	1
Vinyl acetate	ND		10	0.85	ug/L			07/15/22 16:32	1
Styrene	ND		2.0	0.73	ug/L			07/15/22 16:32	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/15/22 16:32	1
Allyl chloride	ND		2.0	0.44	ug/L			07/15/22 16:32	1
Xylenes, Total	ND		3.0	0.66	ug/L			07/15/22 16:32	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		07/15/22 16:32	1
4-Bromofluorobenzene (Surr)	105		73 - 120		07/15/22 16:32	1
Toluene-d8 (Surr)	100		80 - 120		07/15/22 16:32	1

Lab Sample ID: LCS 480-633749/6

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Matrix: Water

Analysis Batch: 633749

Analyte	Spike		Result	LCS Qualifier	Unit	D	%Rec	Limits
	Added							
1,1-Dichloroethene	25.0		24.5		ug/L		98	66 - 127
Benzene	25.0		25.8		ug/L		103	71 - 124
Chlorobenzene	25.0		26.6		ug/L		106	80 - 120
Toluene	25.0		25.3		ug/L		101	80 - 122
Trichloroethene	25.0		26.0		ug/L		104	74 - 123

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	101		77 - 120
4-Bromofluorobenzene (Surr)	109		73 - 120
Toluene-d8 (Surr)	103		80 - 120

Lab Sample ID: 480-199748-2 MS

Client Sample ID: U-5 MS
Prep Type: Total/NA

Matrix: Water

Analysis Batch: 633749

Analyte	Sample		Spike	MS		Unit	D	%Rec	Limits
	Result	Qualifier		Added	Result				
1,1-Dichloroethene	ND		25.0	31.3		ug/L		125	66 - 127
Benzene	ND		25.0	30.8		ug/L		123	71 - 124
Chlorobenzene	ND	F1	25.0	30.5	F1	ug/L		122	80 - 120
Toluene	ND		25.0	30.1		ug/L		120	80 - 122
Trichloroethene	ND		25.0	30.4		ug/L		122	74 - 123

Surrogate	MS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	103		77 - 120
4-Bromofluorobenzene (Surr)	106		73 - 120
Toluene-d8 (Surr)	105		80 - 120

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-199748-2 MSD

Client Sample ID: U-5 MSD

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 633749

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
1,1-Dichloroethene	ND		25.0	31.2		ug/L		125	66 - 127	0	16
Benzene	ND		25.0	29.6		ug/L		119	71 - 124	4	13
Chlorobenzene	ND	F1	25.0	29.9		ug/L		119	80 - 120	2	25
Toluene	ND		25.0	29.3		ug/L		117	80 - 122	3	15
Trichloroethene	ND		25.0	29.8		ug/L		119	74 - 123	2	16
<hr/>											
Surrogate	MSD		MSD								
	%Recovery		Qualifier		Limits						
1,2-Dichloroethane-d4 (Surr)	101				77 - 120						
4-Bromofluorobenzene (Surr)	108				73 - 120						
Toluene-d8 (Surr)	102				80 - 120						

Method: 8011 - EDB and DBCP in Water by Microextraction

Lab Sample ID: MB 480-633622/1-A

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 633606

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		07/14/22 15:43	07/15/22 03:52	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		07/14/22 15:43	07/15/22 03:52	1

Lab Sample ID: LCS 480-633622/2-A

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 633606

Analyte	Spike	LC	LC	Unit	D	%Rec	Limits	<hr/>		
	Added	Result	Qualifier							
1,2-Dibromoethane	0.110	0.0883		ug/L		80	46 - 150			
1,2-Dibromo-3-Chloropropane	0.110	0.0802		ug/L		73	43 - 150			

Lab Sample ID: LCSD 480-633622/3-A

Client Sample ID: Lab Control Sample Dup

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 633606

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	Limits	RPD	RPD Limit
	Added	Result	Qualifier						
1,2-Dibromoethane	0.111	0.0877		ug/L		79	46 - 150	1	40
1,2-Dibromo-3-Chloropropane	0.111	0.0837		ug/L		76	43 - 150	4	40

Lab Sample ID: MB 480-634304/1-A

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 634305

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		07/20/22 18:44	07/20/22 20:50	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		07/20/22 18:44	07/20/22 20:50	1

QC Sample Results

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Method: 8011 - EDB and DBCP in Water by Microextraction (Continued)

Lab Sample ID: LCS 480-634304/2-A

Matrix: Water

Analysis Batch: 634305

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec	Limits	Limits
	Added	Result	Qualifier						
1,2-Dibromoethane	0.108	0.112		ug/L		104	46 - 150		
1,2-Dibromo-3-Chloropropane	0.108	0.104		ug/L		96	43 - 150		

Lab Sample ID: LCSD 480-634304/3-A

Matrix: Water

Analysis Batch: 634305

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	Limits	RPD	Limit
	Added	Result	Qualifier							
1,2-Dibromoethane	0.109	0.115		ug/L		105	46 - 150		2	40
1,2-Dibromo-3-Chloropropane	0.109	0.109		ug/L		100	43 - 150		4	40

Lab Sample ID: MB 480-634499/1-A

Matrix: Water

Analysis Batch: 634502

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier				0.011	ug/L		07/21/22 18:03	07/21/22 19:26	1
1,2-Dibromoethane	ND				0.011	0.0076	ug/L				
1,2-Dibromo-3-Chloropropane	ND				0.011	0.0058	ug/L		07/21/22 18:03	07/21/22 19:26	1

Lab Sample ID: LCS 480-634499/2-A

Matrix: Water

Analysis Batch: 634502

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec	Limits	Limits
	Added	Result	Qualifier						
1,2-Dibromoethane	0.109	0.0827		ug/L		76	46 - 150		
1,2-Dibromo-3-Chloropropane	0.109	0.0693		ug/L		64	43 - 150		

Lab Sample ID: 480-199748-2 MS

Matrix: Water

Analysis Batch: 634502

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits	
	Result	Qualifier	Added	Result	Qualifier					
1,2-Dibromoethane	ND		0.108	0.124		ug/L		115	41 - 150	
1,2-Dibromo-3-Chloropropane	ND		0.108	0.113		ug/L		104	42 - 150	

Lab Sample ID: 480-199748-2 MSD

Matrix: Water

Analysis Batch: 634502

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	
	Result	Qualifier	Added	Result	Qualifier						
1,2-Dibromoethane	ND		0.110	0.140		ug/L		128	41 - 150	12	40
1,2-Dibromo-3-Chloropropane	ND		0.110	0.128		ug/L		117	42 - 150	13	40

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-633459/1-A

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 633582

Prep Batch: 633459

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
PCB-1016	ND				0.50	0.18	ug/L		07/13/22 14:26	07/14/22 14:15	1
PCB-1221	ND				0.50	0.18	ug/L		07/13/22 14:26	07/14/22 14:15	1
PCB-1232	ND				0.50	0.18	ug/L		07/13/22 14:26	07/14/22 14:15	1
PCB-1242	ND				0.50	0.18	ug/L		07/13/22 14:26	07/14/22 14:15	1
PCB-1248	ND				0.50	0.18	ug/L		07/13/22 14:26	07/14/22 14:15	1
PCB-1254	ND				0.50	0.25	ug/L		07/13/22 14:26	07/14/22 14:15	1
PCB-1260	ND				0.50	0.25	ug/L		07/13/22 14:26	07/14/22 14:15	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
DCB Decachlorobiphenyl	40		19 - 120			07/13/22 14:26	07/14/22 14:15	1
DCB Decachlorobiphenyl	45		19 - 120			07/13/22 14:26	07/14/22 14:15	1
Tetrachloro-m-xylene	55		39 - 121			07/13/22 14:26	07/14/22 14:15	1
Tetrachloro-m-xylene	64		39 - 121			07/13/22 14:26	07/14/22 14:15	1

Lab Sample ID: LCS 480-633459/2-A

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 633582

Prep Batch: 633459

Analyte	Spike	LCS	LCS	Result	Qualifier	Unit	D	%Rec	Limits
	Added	Result	Qualifier						
PCB-1016		4.00		2.95		ug/L		74	62 - 130
PCB-1260		4.00		3.43		ug/L		86	56 - 123

Surrogate	LCSS	LCSS	%Recovery	Qualifier	Limits
	Result	Qualifier			
DCB Decachlorobiphenyl	42		19 - 120		
DCB Decachlorobiphenyl	47		19 - 120		
Tetrachloro-m-xylene	59		39 - 121		
Tetrachloro-m-xylene	67		39 - 121		

Lab Sample ID: LCSD 480-633459/3-A

Client Sample ID: Lab Control Sample Dup

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 633582

Prep Batch: 633459

Analyte	Spike	LCSD	LCSD	Result	Qualifier	Unit	D	%Rec	Limits	RPD
	Added	Result	Qualifier							
PCB-1016		4.00		3.42		ug/L		86	62 - 130	15
PCB-1260		4.00		3.33		ug/L		83	56 - 123	3

Surrogate	LCSD	LCSD	%Recovery	Qualifier	Limits
	Result	Qualifier			
DCB Decachlorobiphenyl	40		19 - 120		
DCB Decachlorobiphenyl	43		19 - 120		
Tetrachloro-m-xylene	70		39 - 121		
Tetrachloro-m-xylene	84		39 - 121		

Lab Sample ID: MB 480-633848/1-A

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 634080

Prep Batch: 633848

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
PCB-1016	ND				0.50	0.18	ug/L		07/18/22 08:37	07/19/22 16:17	1

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 480-633848/1-A

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 634080

Prep Batch: 633848

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221			ND		0.50	0.18	ug/L		07/18/22 08:37	07/19/22 16:17	1
PCB-1232			ND		0.50	0.18	ug/L		07/18/22 08:37	07/19/22 16:17	1
PCB-1242			ND		0.50	0.18	ug/L		07/18/22 08:37	07/19/22 16:17	1
PCB-1248			ND		0.50	0.18	ug/L		07/18/22 08:37	07/19/22 16:17	1
PCB-1254			ND		0.50	0.25	ug/L		07/18/22 08:37	07/19/22 16:17	1
PCB-1260			ND		0.50	0.25	ug/L		07/18/22 08:37	07/19/22 16:17	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits			D	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl			57		19 - 120				07/18/22 08:37	07/19/22 16:17	1
Tetrachloro-m-xylene			69		39 - 121				07/18/22 08:37	07/19/22 16:17	1

Lab Sample ID: LCS 480-633848/2-A

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 634080

Prep Batch: 633848

Analyte	Spike Added	LCs	LCs	Result	Qualifier	Unit	D	%Rec	Limits	%Rec
PCB-1016	4.00			3.64		ug/L		91	62 - 130	
PCB-1260	4.00			3.44		ug/L		86	56 - 123	

Surrogate	LCs	LCs	%Recovery	Qualifier	Limits			D	%Rec	
DCB Decachlorobiphenyl	40				19 - 120					
Tetrachloro-m-xylene	75				39 - 121					

Lab Sample ID: 480-199748-2 MS

Client Sample ID: U-5 MS

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 634080

Prep Batch: 633848

Analyte	Sample	Sample	Spike	MS	MS	Result	Qualifier	Unit	D	%Rec	Limits
	Result	Qualifier	Added								
PCB-1016	ND		4.00			3.52		ug/L		88	28 - 150
PCB-1260	ND		4.00			3.49		ug/L		87	25 - 131

Surrogate	MS	MS	%Recovery	Qualifier	Limits			D	%Rec		
DCB Decachlorobiphenyl	37				19 - 120						
Tetrachloro-m-xylene	66				39 - 121						

Lab Sample ID: 480-199748-2 MSD

Client Sample ID: U-5 MSD

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 634080

Prep Batch: 633848

Analyte	Sample	Sample	Spike	MSD	MSD	Result	Qualifier	Unit	D	%Rec	Limits	RPD
	Result	Qualifier	Added									
PCB-1016	ND		4.00			3.48		ug/L		87	28 - 150	1
PCB-1260	ND		4.00			3.58		ug/L		89	25 - 131	3

Surrogate	MSD	MSD	%Recovery	Qualifier	Limits			D	%Rec		
DCB Decachlorobiphenyl	37				19 - 120						
Tetrachloro-m-xylene	67				39 - 121						

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 480-634155/1-A

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 634285

Prep Batch: 634155

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
PCB-1016	ND				0.50	0.18	ug/L		07/20/22 08:59	07/20/22 21:08	1
PCB-1221	ND				0.50	0.18	ug/L		07/20/22 08:59	07/20/22 21:08	1
PCB-1232	ND				0.50	0.18	ug/L		07/20/22 08:59	07/20/22 21:08	1
PCB-1242	ND				0.50	0.18	ug/L		07/20/22 08:59	07/20/22 21:08	1
PCB-1248	ND				0.50	0.18	ug/L		07/20/22 08:59	07/20/22 21:08	1
PCB-1254	ND				0.50	0.25	ug/L		07/20/22 08:59	07/20/22 21:08	1
PCB-1260	ND				0.50	0.25	ug/L		07/20/22 08:59	07/20/22 21:08	1
<hr/>											
Surrogate		MB	MB	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		40				19 - 120			07/20/22 08:59	07/20/22 21:08	1
Tetrachloro-m-xylene		78				39 - 121			07/20/22 08:59	07/20/22 21:08	1

Lab Sample ID: LCS 480-634155/2-A

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 634285

Prep Batch: 634155

Analyte	Spike Added	LCS			D	%Rec	Limits
		Result	Qualifier	Unit			
PCB-1016	4.00	3.42		ug/L		85	62 - 130
PCB-1260	4.00	3.21		ug/L		80	56 - 123
<hr/>							
Surrogate		LCS	LCS	%Recovery	Qualifier	Limits	
DCB Decachlorobiphenyl		37				19 - 120	
Tetrachloro-m-xylene		77				39 - 121	

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: MB 480-633712/28

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 633712

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
Total Organic Carbon	ND				1.0	0.43	mg/L			07/14/22 06:57	1

Lab Sample ID: MB 480-633712/52

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 633712

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
Total Organic Carbon	ND				1.0	0.43	mg/L			07/14/22 18:34	1

Lab Sample ID: LCS 480-633712/29

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 633712

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	%Rec	Limits	
	Result	Qualifier									
Total Organic Carbon	ND				60.0	60.65	mg/L		101	90 - 110	

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Method: 9060A - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: LCS 480-633712/53

Matrix: Water

Analysis Batch: 633712

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Total Organic Carbon	60.0	60.94		mg/L		102	90 - 110	

Lab Sample ID: 480-199719-6 MS

Matrix: Water

Analysis Batch: 633712

Client Sample ID: U-21A

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Total Organic Carbon	2.1		23.3	27.12		mg/L		108	54 - 131	

Lab Sample ID: 480-199719-7 DU

Matrix: Water

Analysis Batch: 633712

Client Sample ID: U-21

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D	RPD	RPD Limit	
Total Organic Carbon	1.7			1.62		mg/L		4	20	

Lab Sample ID: MB 480-633903/29

Client Sample ID: Method Blank

Prep Type: Total/NA

Matrix: Water

Analysis Batch: 633903

Analyte	MB Result	MB Qualifier		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND			1.0	0.43	mg/L		07/16/22 04:31		1

Lab Sample ID: MB 480-633903/53

Client Sample ID: Method Blank

Prep Type: Total/NA

Matrix: Water

Analysis Batch: 633903

Analyte	MB Result	MB Qualifier		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND			1.0	0.43	mg/L		07/16/22 16:18		1

Lab Sample ID: LCS 480-633903/30

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Matrix: Water

Analysis Batch: 633903

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Total Organic Carbon	60.0	63.15		mg/L		105	90 - 110	

Lab Sample ID: LCS 480-633903/54

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Matrix: Water

Analysis Batch: 633903

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Total Organic Carbon	60.0	63.15		mg/L		105	90 - 110	

Lab Sample ID: 480-199748-2 MS

Client Sample ID: U-5 MS

Prep Type: Total/NA

Matrix: Water

Analysis Batch: 633903

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Total Organic Carbon	4.0		23.3	31.02		mg/L		116	54 - 131	

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: 480-199748-2 MSD

Client Sample ID: U-5 MSD

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 633903

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	RPD	RPD	
	Result	Qualifier	Added	Result	Qualifier			Limits			
Total Organic Carbon	4.0		23.3	30.45		mg/L		114	54 - 131	2	20

Lab Sample ID: MB 480-634365/52

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 634365

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Organic Carbon	0.446	J	1.0	0.43	mg/L			07/20/22 13:51	1

Lab Sample ID: LCS 480-634365/53

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 634365

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits		
	Added	Result	Qualifier						
Total Organic Carbon	60.0	65.43		mg/L		109	90 - 110		

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1

SDG: TSCA Quarterly Sampling

GC/MS VOA

Analysis Batch: 633389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199714-1	C-6	Total/NA	Water	8260C	
480-199714-2	C-9	Total/NA	Water	8260C	
480-199714-3	C-10	Total/NA	Water	8260C	
480-199714-4	C-12	Total/NA	Water	8260C	
480-199714-5	C-2	Total/NA	Water	8260C	
MB 480-633389/9	Method Blank	Total/NA	Water	8260C	
LCS 480-633389/6	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-633389/7	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 633521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199719-1	U-15	Total/NA	Water	8260C	
480-199719-2	U-17	Total/NA	Water	8260C	
480-199719-3	U-16	Total/NA	Water	8260C	
MB 480-633521/9	Method Blank	Total/NA	Water	8260C	
LCS 480-633521/6	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-633521/7	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 633588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199748-4	U-10	Total/NA	Water	8260C	
480-199748-5	DUP TSCA 2	Total/NA	Water	8260C	
480-199748-6	U-13	Total/NA	Water	8260C	
480-199748-7	U-4	Total/NA	Water	8260C	
480-199748-8	DUP TSCA 3	Total/NA	Water	8260C	
480-199748-9	FIELD BLANK TSCA	Total/NA	Water	8260C	
480-199748-10	U-26	Total/NA	Water	8260C	
480-199748-11	U-19	Total/NA	Water	8260C	
480-199748-12	U-20	Total/NA	Water	8260C	
480-199748-13	U-11	Total/NA	Water	8260C	
480-199748-14	U-12	Total/NA	Water	8260C	
480-199748-15	U-14	Total/NA	Water	8260C	
480-199748-16	TRIP BLANK	Total/NA	Water	8260C	
MB 480-633588/8	Method Blank	Total/NA	Water	8260C	
LCS 480-633588/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 633608

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199719-4	U-18	Total/NA	Water	8260C	
480-199719-5	U-22A	Total/NA	Water	8260C	
480-199719-6	U-21A	Total/NA	Water	8260C	
480-199719-7	U-21	Total/NA	Water	8260C	
480-199719-8	U-22	Total/NA	Water	8260C	
480-199719-9	U-23	Total/NA	Water	8260C	
480-199719-10	U-24	Total/NA	Water	8260C	
480-199719-11	U-25	Total/NA	Water	8260C	
480-199719-12	DUP TSCA 1	Total/NA	Water	8260C	
480-199769-1	LD-1	Total/NA	Water	8260C	
480-199769-2	LD-2	Total/NA	Water	8260C	
MB 480-633608/9	Method Blank	Total/NA	Water	8260C	
LCS 480-633608/6	Lab Control Sample	Total/NA	Water	8260C	

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QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1

SDG: TSCA Quarterly Sampling

GC/MS VOA (Continued)

Analysis Batch: 633608 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 480-633608/7	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 633683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199769-3	LD-3	Total/NA	Water	8260C	
480-199769-4	LD-4	Total/NA	Water	8260C	
MB 480-633683/8	Method Blank	Total/NA	Water	8260C	
LCS 480-633683/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 633749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199748-1	U-3	Total/NA	Water	8260C	
480-199748-2	U-5	Total/NA	Water	8260C	
480-199748-3	U-6	Total/NA	Water	8260C	
MB 480-633749/8	Method Blank	Total/NA	Water	8260C	
LCS 480-633749/6	Lab Control Sample	Total/NA	Water	8260C	
480-199748-2 MS	U-5 MS	Total/NA	Water	8260C	
480-199748-2 MSD	U-5 MSD	Total/NA	Water	8260C	

GC Semi VOA

Prep Batch: 633459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199714-1	C-6	Total/NA	Water	3510C	
480-199714-2	C-9	Total/NA	Water	3510C	
480-199714-3	C-10	Total/NA	Water	3510C	
480-199714-4	C-12	Total/NA	Water	3510C	
480-199714-5	C-2	Total/NA	Water	3510C	
480-199719-1	U-15	Total/NA	Water	3510C	
480-199719-2	U-17	Total/NA	Water	3510C	
480-199719-3	U-16	Total/NA	Water	3510C	
480-199719-4	U-18	Total/NA	Water	3510C	
480-199719-5	U-22A	Total/NA	Water	3510C	
480-199719-6	U-21A	Total/NA	Water	3510C	
480-199719-7	U-21	Total/NA	Water	3510C	
480-199719-8	U-22	Total/NA	Water	3510C	
480-199719-9	U-23	Total/NA	Water	3510C	
480-199719-10	U-24	Total/NA	Water	3510C	
480-199719-11	U-25	Total/NA	Water	3510C	
480-199719-12	DUP TSCA 1	Total/NA	Water	3510C	
MB 480-633459/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-633459/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-633459/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 633582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199714-1	C-6	Total/NA	Water	8082A	633459
480-199714-2	C-9	Total/NA	Water	8082A	633459
480-199714-3	C-10	Total/NA	Water	8082A	633459
480-199714-4	C-12	Total/NA	Water	8082A	633459
480-199714-5	C-2	Total/NA	Water	8082A	633459

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QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1

SDG: TSCA Quarterly Sampling

GC Semi VOA (Continued)

Analysis Batch: 633582 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199719-1	U-15	Total/NA	Water	8082A	633459
480-199719-2	U-17	Total/NA	Water	8082A	633459
480-199719-3	U-16	Total/NA	Water	8082A	633459
480-199719-4	U-18	Total/NA	Water	8082A	633459
480-199719-5	U-22A	Total/NA	Water	8082A	633459
480-199719-6	U-21A	Total/NA	Water	8082A	633459
480-199719-7	U-21	Total/NA	Water	8082A	633459
480-199719-8	U-22	Total/NA	Water	8082A	633459
480-199719-9	U-23	Total/NA	Water	8082A	633459
480-199719-10	U-24	Total/NA	Water	8082A	633459
480-199719-11	U-25	Total/NA	Water	8082A	633459
480-199719-12	DUP TSCA 1	Total/NA	Water	8082A	633459
MB 480-633459/1-A	Method Blank	Total/NA	Water	8082A	633459
LCS 480-633459/2-A	Lab Control Sample	Total/NA	Water	8082A	633459
LCSD 480-633459/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	633459

Analysis Batch: 633606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199714-1	C-6	Total/NA	Water	8011	633622
480-199714-2	C-9	Total/NA	Water	8011	633622
480-199714-3	C-10	Total/NA	Water	8011	633622
480-199714-4	C-12	Total/NA	Water	8011	633622
480-199714-5	C-2	Total/NA	Water	8011	633622
480-199719-1	U-15	Total/NA	Water	8011	633622
480-199719-2	U-17	Total/NA	Water	8011	633622
480-199719-3	U-16	Total/NA	Water	8011	633622
480-199719-4	U-18	Total/NA	Water	8011	633622
480-199719-5	U-22A	Total/NA	Water	8011	633622
480-199719-6	U-21A	Total/NA	Water	8011	633622
480-199719-7	U-21	Total/NA	Water	8011	633622
480-199719-8	U-22	Total/NA	Water	8011	633622
480-199719-9	U-23	Total/NA	Water	8011	633622
480-199719-10	U-24	Total/NA	Water	8011	633622
480-199719-11	U-25	Total/NA	Water	8011	633622
480-199719-12	DUP TSCA 1	Total/NA	Water	8011	633622
MB 480-633622/1-A	Method Blank	Total/NA	Water	8011	633622
LCS 480-633622/2-A	Lab Control Sample	Total/NA	Water	8011	633622
LCSD 480-633622/3-A	Lab Control Sample Dup	Total/NA	Water	8011	633622

Prep Batch: 633622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199714-1	C-6	Total/NA	Water	8011	
480-199714-2	C-9	Total/NA	Water	8011	
480-199714-3	C-10	Total/NA	Water	8011	
480-199714-4	C-12	Total/NA	Water	8011	
480-199714-5	C-2	Total/NA	Water	8011	
480-199719-1	U-15	Total/NA	Water	8011	
480-199719-2	U-17	Total/NA	Water	8011	
480-199719-3	U-16	Total/NA	Water	8011	
480-199719-4	U-18	Total/NA	Water	8011	
480-199719-5	U-22A	Total/NA	Water	8011	

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1

SDG: TSCA Quarterly Sampling

GC Semi VOA (Continued)

Prep Batch: 633622 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199719-6	U-21A	Total/NA	Water	8011	
480-199719-7	U-21	Total/NA	Water	8011	
480-199719-8	U-22	Total/NA	Water	8011	
480-199719-9	U-23	Total/NA	Water	8011	
480-199719-10	U-24	Total/NA	Water	8011	
480-199719-11	U-25	Total/NA	Water	8011	
480-199719-12	DUP TSCA 1	Total/NA	Water	8011	
MB 480-633622/1-A	Method Blank	Total/NA	Water	8011	
LCS 480-633622/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 480-633622/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Prep Batch: 633848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199748-1	U-3	Total/NA	Water	3510C	
480-199748-2	U-5	Total/NA	Water	3510C	
480-199748-3	U-6	Total/NA	Water	3510C	
480-199748-4	U-10	Total/NA	Water	3510C	
480-199748-5	DUP TSCA 2	Total/NA	Water	3510C	
480-199748-6	U-13	Total/NA	Water	3510C	
480-199748-7	U-4	Total/NA	Water	3510C	
480-199748-8	DUP TSCA 3	Total/NA	Water	3510C	
480-199748-9	FIELD BLANK TSCA	Total/NA	Water	3510C	
480-199748-10	U-26	Total/NA	Water	3510C	
480-199748-11	U-19	Total/NA	Water	3510C	
480-199748-12	U-20	Total/NA	Water	3510C	
480-199748-13	U-11	Total/NA	Water	3510C	
480-199748-14	U-12	Total/NA	Water	3510C	
480-199748-15	U-14	Total/NA	Water	3510C	
MB 480-633848/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-633848/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-199748-2 MS	U-5 MS	Total/NA	Water	3510C	
480-199748-2 MSD	U-5 MSD	Total/NA	Water	3510C	

Analysis Batch: 634080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199748-1	U-3	Total/NA	Water	8082A	633848
480-199748-2	U-5	Total/NA	Water	8082A	633848
480-199748-3	U-6	Total/NA	Water	8082A	633848
480-199748-4	U-10	Total/NA	Water	8082A	633848
480-199748-5	DUP TSCA 2	Total/NA	Water	8082A	633848
480-199748-6	U-13	Total/NA	Water	8082A	633848
480-199748-7	U-4	Total/NA	Water	8082A	633848
480-199748-8	DUP TSCA 3	Total/NA	Water	8082A	633848
480-199748-9	FIELD BLANK TSCA	Total/NA	Water	8082A	633848
480-199748-10	U-26	Total/NA	Water	8082A	633848
480-199748-11	U-19	Total/NA	Water	8082A	633848
480-199748-12	U-20	Total/NA	Water	8082A	633848
480-199748-13	U-11	Total/NA	Water	8082A	633848
480-199748-14	U-12	Total/NA	Water	8082A	633848
480-199748-15	U-14	Total/NA	Water	8082A	633848
MB 480-633848/1-A	Method Blank	Total/NA	Water	8082A	633848

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QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1

SDG: TSCA Quarterly Sampling

GC Semi VOA (Continued)

Analysis Batch: 634080 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-633848/2-A	Lab Control Sample	Total/NA	Water	8082A	633848
480-199748-2 MS	U-5 MS	Total/NA	Water	8082A	633848
480-199748-2 MSD	U-5 MSD	Total/NA	Water	8082A	633848

Prep Batch: 634155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199769-1	LD-1	Total/NA	Water	3510C	
480-199769-2	LD-2	Total/NA	Water	3510C	
480-199769-3	LD-3	Total/NA	Water	3510C	
480-199769-4	LD-4	Total/NA	Water	3510C	
MB 480-634155/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-634155/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 634285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199769-1	LD-1	Total/NA	Water	8082A	634155
480-199769-2	LD-2	Total/NA	Water	8082A	634155
480-199769-3	LD-3	Total/NA	Water	8082A	634155
480-199769-4	LD-4	Total/NA	Water	8082A	634155
MB 480-634155/1-A	Method Blank	Total/NA	Water	8082A	634155
LCS 480-634155/2-A	Lab Control Sample	Total/NA	Water	8082A	634155

Prep Batch: 634304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199748-14	U-12	Total/NA	Water	8011	
480-199748-15	U-14	Total/NA	Water	8011	
480-199748-16	TRIP BLANK	Total/NA	Water	8011	
480-199769-1	LD-1	Total/NA	Water	8011	
480-199769-2	LD-2	Total/NA	Water	8011	
480-199769-3	LD-3	Total/NA	Water	8011	
480-199769-4	LD-4	Total/NA	Water	8011	
MB 480-634304/1-A	Method Blank	Total/NA	Water	8011	
LCS 480-634304/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 480-634304/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 634305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199748-14	U-12	Total/NA	Water	8011	634304
480-199748-15	U-14	Total/NA	Water	8011	634304
480-199748-16	TRIP BLANK	Total/NA	Water	8011	634304
480-199769-1	LD-1	Total/NA	Water	8011	634304
480-199769-2	LD-2	Total/NA	Water	8011	634304
480-199769-3	LD-3	Total/NA	Water	8011	634304
480-199769-4	LD-4	Total/NA	Water	8011	634304
MB 480-634304/1-A	Method Blank	Total/NA	Water	8011	634304
LCS 480-634304/2-A	Lab Control Sample	Total/NA	Water	8011	634304
LCSD 480-634304/3-A	Lab Control Sample Dup	Total/NA	Water	8011	634304

Prep Batch: 634499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199748-1	U-3	Total/NA	Water	8011	

Eurofins Buffalo

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1

SDG: TSCA Quarterly Sampling

GC Semi VOA (Continued)

Prep Batch: 634499 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199748-2	U-5	Total/NA	Water	8011	1
480-199748-3	U-6	Total/NA	Water	8011	2
480-199748-4	U-10	Total/NA	Water	8011	3
480-199748-5	DUP TSCA 2	Total/NA	Water	8011	4
480-199748-6	U-13	Total/NA	Water	8011	5
480-199748-7	U-4	Total/NA	Water	8011	6
480-199748-8	DUP TSCA 3	Total/NA	Water	8011	7
480-199748-9	FIELD BLANK TSCA	Total/NA	Water	8011	8
480-199748-10	U-26	Total/NA	Water	8011	9
480-199748-11	U-19	Total/NA	Water	8011	10
480-199748-12	U-20	Total/NA	Water	8011	11
480-199748-13	U-11	Total/NA	Water	8011	12
MB 480-634499/1-A	Method Blank	Total/NA	Water	8011	13
LCS 480-634499/2-A	Lab Control Sample	Total/NA	Water	8011	14
480-199748-2 MS	U-5 MS	Total/NA	Water	8011	15
480-199748-2 MSD	U-5 MSD	Total/NA	Water	8011	16

Analysis Batch: 634502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199748-1	U-3	Total/NA	Water	8011	634499
480-199748-2	U-5	Total/NA	Water	8011	634499
480-199748-3	U-6	Total/NA	Water	8011	634499
480-199748-4	U-10	Total/NA	Water	8011	634499
480-199748-5	DUP TSCA 2	Total/NA	Water	8011	634499
480-199748-6	U-13	Total/NA	Water	8011	634499
480-199748-7	U-4	Total/NA	Water	8011	634499
480-199748-8	DUP TSCA 3	Total/NA	Water	8011	634499
480-199748-9	FIELD BLANK TSCA	Total/NA	Water	8011	634499
480-199748-10	U-26	Total/NA	Water	8011	634499
480-199748-11	U-19	Total/NA	Water	8011	634499
480-199748-12	U-20	Total/NA	Water	8011	634499
480-199748-13	U-11	Total/NA	Water	8011	634499
MB 480-634499/1-A	Method Blank	Total/NA	Water	8011	634499
LCS 480-634499/2-A	Lab Control Sample	Total/NA	Water	8011	634499
480-199748-2 MS	U-5 MS	Total/NA	Water	8011	634499
480-199748-2 MSD	U-5 MSD	Total/NA	Water	8011	634499

General Chemistry

Analysis Batch: 633712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199714-1	C-6	Total/NA	Water	9060A	
480-199714-2	C-9	Total/NA	Water	9060A	
480-199714-3	C-10	Total/NA	Water	9060A	
480-199714-4	C-12	Total/NA	Water	9060A	
480-199714-5	C-2	Total/NA	Water	9060A	
480-199719-1	U-15	Total/NA	Water	9060A	
480-199719-2	U-17	Total/NA	Water	9060A	
480-199719-3	U-16	Total/NA	Water	9060A	
480-199719-4	U-18	Total/NA	Water	9060A	
480-199719-5	U-22A	Total/NA	Water	9060A	

Eurofins Buffalo

QC Association Summary

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

General Chemistry (Continued)

Analysis Batch: 633712 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199719-6	U-21A	Total/NA	Water	9060A	
480-199719-7	U-21	Total/NA	Water	9060A	
480-199719-8	U-22	Total/NA	Water	9060A	
480-199719-9	U-23	Total/NA	Water	9060A	
480-199719-10	U-24	Total/NA	Water	9060A	
480-199719-11	U-25	Total/NA	Water	9060A	
480-199719-12	DUP TSCA 1	Total/NA	Water	9060A	
MB 480-633712/28	Method Blank	Total/NA	Water	9060A	
MB 480-633712/52	Method Blank	Total/NA	Water	9060A	
LCS 480-633712/29	Lab Control Sample	Total/NA	Water	9060A	
LCS 480-633712/53	Lab Control Sample	Total/NA	Water	9060A	
480-199719-6 MS	U-21A	Total/NA	Water	9060A	
480-199719-7 DU	U-21	Total/NA	Water	9060A	

Analysis Batch: 633903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199748-1	U-3	Total/NA	Water	9060A	
480-199748-2	U-5	Total/NA	Water	9060A	
480-199748-3	U-6	Total/NA	Water	9060A	
480-199748-4	U-10	Total/NA	Water	9060A	
480-199748-5	DUP TSCA 2	Total/NA	Water	9060A	
480-199748-6	U-13	Total/NA	Water	9060A	
480-199748-7	U-4	Total/NA	Water	9060A	
480-199748-8	DUP TSCA 3	Total/NA	Water	9060A	
480-199748-9	FIELD BLANK TSCA	Total/NA	Water	9060A	
480-199748-10	U-26	Total/NA	Water	9060A	
480-199748-11	U-19	Total/NA	Water	9060A	
480-199748-12	U-20	Total/NA	Water	9060A	
480-199748-13	U-11	Total/NA	Water	9060A	
480-199748-14	U-12	Total/NA	Water	9060A	
480-199748-15	U-14	Total/NA	Water	9060A	
480-199769-1	LD-1	Total/NA	Water	9060A	
480-199769-2	LD-2	Total/NA	Water	9060A	
MB 480-633903/29	Method Blank	Total/NA	Water	9060A	
MB 480-633903/53	Method Blank	Total/NA	Water	9060A	
LCS 480-633903/30	Lab Control Sample	Total/NA	Water	9060A	
LCS 480-633903/54	Lab Control Sample	Total/NA	Water	9060A	
480-199748-2 MS	U-5 MS	Total/NA	Water	9060A	
480-199748-2 MSD	U-5 MSD	Total/NA	Water	9060A	

Analysis Batch: 634365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199769-3	LD-3	Total/NA	Water	9060A	
480-199769-4	LD-4	Total/NA	Water	9060A	
MB 480-634365/52	Method Blank	Total/NA	Water	9060A	
LCS 480-634365/53	Lab Control Sample	Total/NA	Water	9060A	

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1

SDG: TSCA Quarterly Sampling

Field Service / Mobile Lab

Analysis Batch: 634046

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199714-1	C-6	Total/NA	Water	Field Sampling	1
480-199714-2	C-9	Total/NA	Water	Field Sampling	2
480-199714-3	C-10	Total/NA	Water	Field Sampling	3
480-199714-4	C-12	Total/NA	Water	Field Sampling	4
480-199714-5	C-2	Total/NA	Water	Field Sampling	5
480-199719-1	U-15	Total/NA	Water	Field Sampling	6
480-199719-2	U-17	Total/NA	Water	Field Sampling	7
480-199719-3	U-16	Total/NA	Water	Field Sampling	8
480-199719-4	U-18	Total/NA	Water	Field Sampling	9
480-199719-5	U-22A	Total/NA	Water	Field Sampling	10
480-199719-6	U-21A	Total/NA	Water	Field Sampling	11
480-199719-7	U-21	Total/NA	Water	Field Sampling	12
480-199719-8	U-22	Total/NA	Water	Field Sampling	13
480-199719-9	U-23	Total/NA	Water	Field Sampling	14
480-199719-10	U-24	Total/NA	Water	Field Sampling	15
480-199719-11	U-25	Total/NA	Water	Field Sampling	16
480-199719-12	DUP TSCA 1	Total/NA	Water	Field Sampling	
480-199769-1	LD-1	Total/NA	Water	Field Sampling	
480-199769-2	LD-2	Total/NA	Water	Field Sampling	
480-199769-3	LD-3	Total/NA	Water	Field Sampling	
480-199769-4	LD-4	Total/NA	Water	Field Sampling	

Analysis Batch: 634128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199748-1	U-3	Total/NA	Water	Field Sampling	1
480-199748-2	U-5	Total/NA	Water	Field Sampling	2
480-199748-3	U-6	Total/NA	Water	Field Sampling	3
480-199748-4	U-10	Total/NA	Water	Field Sampling	4
480-199748-5	DUP TSCA 2	Total/NA	Water	Field Sampling	5
480-199748-6	U-13	Total/NA	Water	Field Sampling	6
480-199748-7	U-4	Total/NA	Water	Field Sampling	7
480-199748-8	DUP TSCA 3	Total/NA	Water	Field Sampling	8
480-199748-9	FIELD BLANK TSCA	Total/NA	Water	Field Sampling	9
480-199748-10	U-26	Total/NA	Water	Field Sampling	10
480-199748-11	U-19	Total/NA	Water	Field Sampling	11
480-199748-12	U-20	Total/NA	Water	Field Sampling	12
480-199748-13	U-11	Total/NA	Water	Field Sampling	13
480-199748-14	U-12	Total/NA	Water	Field Sampling	14
480-199748-15	U-14	Total/NA	Water	Field Sampling	15
480-199748-2 MS	U-5 MS	Total/NA	Water	Field Sampling	16
480-199748-2 MSD	U-5 MSD	Total/NA	Water	Field Sampling	

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: C-6

Date Collected: 07/11/22 14:10

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199714-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633389	07/13/22 19:57	CR	TAL BUF
Total/NA	Prep	8011			633622	07/14/22 15:43	DSC	TAL BUF
Total/NA	Analysis	8011		1	633606	07/15/22 04:51	DSC	TAL BUF
Total/NA	Prep	3510C			633459	07/13/22 14:26	CMC	TAL BUF
Total/NA	Analysis	8082A		1	633582	07/14/22 14:56	NC	TAL BUF
Total/NA	Analysis	9060A		1	633712	07/14/22 14:42	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634046	07/11/22 14:10	FLD	TAL BUF

Client Sample ID: C-9

Date Collected: 07/11/22 15:09

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199714-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633389	07/13/22 20:21	CR	TAL BUF
Total/NA	Prep	8011			633622	07/14/22 15:43	DSC	TAL BUF
Total/NA	Analysis	8011		1	633606	07/15/22 05:11	DSC	TAL BUF
Total/NA	Prep	3510C			633459	07/13/22 14:26	CMC	TAL BUF
Total/NA	Analysis	8082A		1	633582	07/14/22 15:09	NC	TAL BUF
Total/NA	Analysis	9060A		1	633712	07/14/22 15:11	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634046	07/11/22 15:09	FLD	TAL BUF

Client Sample ID: C-10

Date Collected: 07/11/22 15:41

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199714-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633389	07/13/22 20:45	CR	TAL BUF
Total/NA	Prep	8011			633622	07/14/22 15:43	DSC	TAL BUF
Total/NA	Analysis	8011		1	633606	07/15/22 05:31	DSC	TAL BUF
Total/NA	Prep	3510C			633459	07/13/22 14:26	CMC	TAL BUF
Total/NA	Analysis	8082A		1	633582	07/14/22 15:22	NC	TAL BUF
Total/NA	Analysis	9060A		1	633712	07/14/22 15:41	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634046	07/11/22 15:41	FLD	TAL BUF

Client Sample ID: C-12

Date Collected: 07/11/22 15:23

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199714-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633389	07/13/22 21:09	CR	TAL BUF
Total/NA	Prep	8011			633622	07/14/22 15:43	DSC	TAL BUF
Total/NA	Analysis	8011		1	633606	07/15/22 05:51	DSC	TAL BUF
Total/NA	Prep	3510C			633459	07/13/22 14:26	CMC	TAL BUF
Total/NA	Analysis	8082A		1	633582	07/14/22 15:36	NC	TAL BUF

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Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: C-12

Date Collected: 07/11/22 15:23

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199714-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9060A		1	633712	07/14/22 16:10	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634046	07/11/22 15:23	FLD	TAL BUF

Client Sample ID: C-2

Date Collected: 07/11/22 14:40

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199714-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633389	07/13/22 21:33	CR	TAL BUF
Total/NA	Prep	8011			633622	07/14/22 15:43	DSC	TAL BUF
Total/NA	Analysis	8011		1	633606	07/15/22 06:11	DSC	TAL BUF
Total/NA	Prep	3510C			633459	07/13/22 14:26	CMC	TAL BUF
Total/NA	Analysis	8082A		1	633582	07/14/22 15:49	NC	TAL BUF
Total/NA	Analysis	9060A		1	633712	07/14/22 16:39	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634046	07/11/22 14:40	FLD	TAL BUF

Client Sample ID: U-15

Date Collected: 07/11/22 10:22

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633521	07/14/22 13:34	CR	TAL BUF
Total/NA	Prep	8011			633622	07/14/22 15:43	DSC	TAL BUF
Total/NA	Analysis	8011		1	633606	07/15/22 06:30	DSC	TAL BUF
Total/NA	Prep	3510C			633459	07/13/22 14:26	CMC	TAL BUF
Total/NA	Analysis	8082A		1	633582	07/14/22 16:03	NC	TAL BUF
Total/NA	Analysis	9060A		1	633712	07/14/22 20:01	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634046	07/11/22 10:22	FLD	TAL BUF

Client Sample ID: U-17

Date Collected: 07/11/22 10:47

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633521	07/14/22 13:58	CR	TAL BUF
Total/NA	Prep	8011			633622	07/14/22 15:43	DSC	TAL BUF
Total/NA	Analysis	8011		1	633606	07/15/22 07:10	DSC	TAL BUF
Total/NA	Prep	3510C			633459	07/13/22 14:26	CMC	TAL BUF
Total/NA	Analysis	8082A		1	633582	07/14/22 16:16	NC	TAL BUF
Total/NA	Analysis	9060A		1	633712	07/14/22 21:28	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634046	07/11/22 10:47	FLD	TAL BUF

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Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: U-16

Date Collected: 07/11/22 11:26

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633521	07/14/22 14:22	CR	TAL BUF
Total/NA	Prep	8011			633622	07/14/22 15:43	DSC	TAL BUF
Total/NA	Analysis	8011		1	633606	07/15/22 07:30	DSC	TAL BUF
Total/NA	Prep	3510C			633459	07/13/22 14:26	CMC	TAL BUF
Total/NA	Analysis	8082A		1	633582	07/14/22 16:29	NC	TAL BUF
Total/NA	Analysis	9060A		1	633712	07/14/22 21:57	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634046	07/11/22 11:26	FLD	TAL BUF

Client Sample ID: U-18

Date Collected: 07/11/22 11:50

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633608	07/15/22 01:32	CRL	TAL BUF
Total/NA	Prep	8011			633622	07/14/22 15:43	DSC	TAL BUF
Total/NA	Analysis	8011		1	633606	07/15/22 07:50	DSC	TAL BUF
Total/NA	Prep	3510C			633459	07/13/22 14:26	CMC	TAL BUF
Total/NA	Analysis	8082A		1	633582	07/14/22 16:43	NC	TAL BUF
Total/NA	Analysis	9060A		1	633712	07/14/22 22:26	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634046	07/11/22 11:50	FLD	TAL BUF

Client Sample ID: U-22A

Date Collected: 07/11/22 12:29

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633608	07/15/22 01:56	CRL	TAL BUF
Total/NA	Prep	8011			633622	07/14/22 15:43	DSC	TAL BUF
Total/NA	Analysis	8011		1	633606	07/15/22 08:10	DSC	TAL BUF
Total/NA	Prep	3510C			633459	07/13/22 14:26	CMC	TAL BUF
Total/NA	Analysis	8082A		1	633582	07/14/22 16:56	NC	TAL BUF
Total/NA	Analysis	9060A		1	633712	07/14/22 22:55	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634046	07/11/22 12:29	FLD	TAL BUF

Client Sample ID: U-21A

Date Collected: 07/11/22 12:59

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633608	07/15/22 02:19	CRL	TAL BUF
Total/NA	Prep	8011			633622	07/14/22 15:43	DSC	TAL BUF
Total/NA	Analysis	8011		1	633606	07/15/22 08:29	DSC	TAL BUF
Total/NA	Prep	3510C			633459	07/13/22 14:26	CMC	TAL BUF
Total/NA	Analysis	8082A		1	633582	07/14/22 17:10	NC	TAL BUF

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Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: U-21A

Date Collected: 07/11/22 12:59

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9060A		1	633712	07/15/22 00:52	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634046	07/11/22 12:59	FLD	TAL BUF

Client Sample ID: U-21

Date Collected: 07/11/22 13:52

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633608	07/15/22 02:43	CRL	TAL BUF
Total/NA	Prep	8011			633622	07/14/22 15:43	DSC	TAL BUF
Total/NA	Analysis	8011		1	633606	07/15/22 08:49	DSC	TAL BUF
Total/NA	Prep	3510C			633459	07/13/22 14:26	CMC	TAL BUF
Total/NA	Analysis	8082A		1	633582	07/14/22 17:23	NC	TAL BUF
Total/NA	Analysis	9060A		1	633712	07/15/22 01:51	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634046	07/11/22 13:52	FLD	TAL BUF

Client Sample ID: U-22

Date Collected: 07/11/22 14:29

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633608	07/15/22 03:07	CRL	TAL BUF
Total/NA	Prep	8011			633622	07/14/22 15:43	DSC	TAL BUF
Total/NA	Analysis	8011		1	633606	07/15/22 09:09	DSC	TAL BUF
Total/NA	Prep	3510C			633459	07/13/22 14:26	CMC	TAL BUF
Total/NA	Analysis	8082A		1	633582	07/14/22 17:36	NC	TAL BUF
Total/NA	Analysis	9060A		1	633712	07/15/22 02:20	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634046	07/11/22 14:29	FLD	TAL BUF

Client Sample ID: U-23

Date Collected: 07/11/22 15:25

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633608	07/15/22 03:31	CRL	TAL BUF
Total/NA	Prep	8011			633622	07/14/22 15:43	DSC	TAL BUF
Total/NA	Analysis	8011		1	633606	07/15/22 09:29	DSC	TAL BUF
Total/NA	Prep	3510C			633459	07/13/22 14:26	CMC	TAL BUF
Total/NA	Analysis	8082A		1	633582	07/14/22 17:50	NC	TAL BUF
Total/NA	Analysis	9060A		1	633712	07/15/22 02:49	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634046	07/11/22 15:25	FLD	TAL BUF

Eurofins Buffalo

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: U-24

Date Collected: 07/11/22 15:59

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633608	07/15/22 03:55	CRL	TAL BUF
Total/NA	Prep	8011			633622	07/14/22 15:43	DSC	TAL BUF
Total/NA	Analysis	8011		1	633606	07/15/22 09:49	DSC	TAL BUF
Total/NA	Prep	3510C			633459	07/13/22 14:26	CMC	TAL BUF
Total/NA	Analysis	8082A		1	633582	07/14/22 18:03	NC	TAL BUF
Total/NA	Analysis	9060A		1	633712	07/15/22 03:19	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634046	07/11/22 15:59	FLD	TAL BUF

Client Sample ID: U-25

Date Collected: 07/11/22 18:08

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633608	07/15/22 04:19	CRL	TAL BUF
Total/NA	Prep	8011			633622	07/14/22 15:43	DSC	TAL BUF
Total/NA	Analysis	8011		1	633606	07/15/22 10:08	DSC	TAL BUF
Total/NA	Prep	3510C			633459	07/13/22 14:26	CMC	TAL BUF
Total/NA	Analysis	8082A		1	633582	07/14/22 18:17	NC	TAL BUF
Total/NA	Analysis	9060A		1	633712	07/15/22 03:48	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634046	07/11/22 18:08	FLD	TAL BUF

Client Sample ID: DUP TSCA 1

Date Collected: 07/11/22 18:08

Date Received: 07/13/22 10:00

Lab Sample ID: 480-199719-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633608	07/15/22 04:43	CRL	TAL BUF
Total/NA	Prep	8011			633622	07/14/22 15:43	DSC	TAL BUF
Total/NA	Analysis	8011		1	633606	07/15/22 10:48	DSC	TAL BUF
Total/NA	Prep	3510C			633459	07/13/22 14:26	CMC	TAL BUF
Total/NA	Analysis	8082A		1	633582	07/14/22 18:57	NC	TAL BUF
Total/NA	Analysis	9060A		1	633712	07/15/22 04:17	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634046	07/11/22 18:08	FLD	TAL BUF

Client Sample ID: U-3

Date Collected: 07/13/22 08:58

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633749	07/15/22 17:34	CRL	TAL BUF
Total/NA	Prep	8011			634499	07/21/22 18:03	DSC	TAL BUF
Total/NA	Analysis	8011		1	634502	07/21/22 20:06	DSC	TAL BUF
Total/NA	Prep	3510C			633848	07/18/22 08:37	MS	TAL BUF
Total/NA	Analysis	8082A		1	634080	07/19/22 18:05	W1T	TAL BUF

Eurofins Buffalo

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: U-3

Date Collected: 07/13/22 08:58

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9060A		1	633903	07/16/22 07:28	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634128	07/13/22 08:58	FLD	TAL BUF

Client Sample ID: U-5

Date Collected: 07/13/22 09:57

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633749	07/15/22 17:58	CRL	TAL BUF
Total/NA	Prep	8011			634499	07/21/22 18:03	DSC	TAL BUF
Total/NA	Analysis	8011		1	634502	07/21/22 20:26	DSC	TAL BUF
Total/NA	Prep	3510C			633848	07/18/22 08:37	MS	TAL BUF
Total/NA	Analysis	8082A		1	634080	07/19/22 17:11	W1T	TAL BUF
Total/NA	Analysis	9060A		1	633903	07/16/22 11:21	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634128	07/13/22 09:57	FLD	TAL BUF

Client Sample ID: U-6

Date Collected: 07/13/22 10:55

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633749	07/15/22 18:21	CRL	TAL BUF
Total/NA	Prep	8011			634499	07/21/22 18:03	DSC	TAL BUF
Total/NA	Analysis	8011		1	634502	07/21/22 21:26	DSC	TAL BUF
Total/NA	Prep	3510C			633848	07/18/22 08:37	MS	TAL BUF
Total/NA	Analysis	8082A		1	634080	07/19/22 18:18	W1T	TAL BUF
Total/NA	Analysis	9060A		1	633903	07/16/22 07:57	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634128	07/13/22 10:55	FLD	TAL BUF

Client Sample ID: U-10

Date Collected: 07/12/22 14:05

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633588	07/14/22 20:29	CRL	TAL BUF
Total/NA	Prep	8011			634499	07/21/22 18:03	DSC	TAL BUF
Total/NA	Analysis	8011		1	634502	07/21/22 21:46	DSC	TAL BUF
Total/NA	Prep	3510C			633848	07/18/22 08:37	MS	TAL BUF
Total/NA	Analysis	8082A		1	634080	07/19/22 18:31	W1T	TAL BUF
Total/NA	Analysis	9060A		1	633903	07/16/22 08:26	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634128	07/12/22 14:05	FLD	TAL BUF

Eurofins Buffalo

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: DUP TSCA 2

Date Collected: 07/12/22 14:05

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633588	07/14/22 20:52	CRL	TAL BUF
Total/NA	Prep	8011			634499	07/21/22 18:03	DSC	TAL BUF
Total/NA	Analysis	8011		1	634502	07/21/22 22:06	DSC	TAL BUF
Total/NA	Prep	3510C			633848	07/18/22 08:37	MS	TAL BUF
Total/NA	Analysis	8082A		1	634080	07/19/22 18:45	W1T	TAL BUF
Total/NA	Analysis	9060A		1	633903	07/16/22 08:55	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634128	07/12/22 14:05	FLD	TAL BUF

Client Sample ID: U-13

Date Collected: 07/12/22 15:42

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633588	07/14/22 21:15	CRL	TAL BUF
Total/NA	Prep	8011			634499	07/21/22 18:03	DSC	TAL BUF
Total/NA	Analysis	8011		1	634502	07/21/22 22:26	DSC	TAL BUF
Total/NA	Prep	3510C			633848	07/18/22 08:37	MS	TAL BUF
Total/NA	Analysis	8082A		1	634080	07/19/22 18:58	W1T	TAL BUF
Total/NA	Analysis	9060A		1	633903	07/16/22 11:51	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634128	07/12/22 15:42	FLD	TAL BUF

Client Sample ID: U-4

Date Collected: 07/12/22 17:03

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633588	07/14/22 21:39	CRL	TAL BUF
Total/NA	Prep	8011			634499	07/21/22 18:03	DSC	TAL BUF
Total/NA	Analysis	8011		1	634502	07/21/22 23:06	DSC	TAL BUF
Total/NA	Prep	3510C			633848	07/18/22 08:37	MS	TAL BUF
Total/NA	Analysis	8082A		1	634080	07/19/22 19:12	W1T	TAL BUF
Total/NA	Analysis	9060A		1	633903	07/16/22 12:21	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634128	07/12/22 17:03	FLD	TAL BUF

Client Sample ID: DUP TSCA 3

Date Collected: 07/12/22 17:03

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633588	07/14/22 22:02	CRL	TAL BUF
Total/NA	Prep	8011			634499	07/21/22 18:03	DSC	TAL BUF
Total/NA	Analysis	8011		1	634502	07/21/22 23:26	DSC	TAL BUF
Total/NA	Prep	3510C			633848	07/18/22 08:37	MS	TAL BUF
Total/NA	Analysis	8082A		1	634080	07/19/22 19:25	W1T	TAL BUF

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Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: DUP TSCA 3

Date Collected: 07/12/22 17:03

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9060A		1	633903	07/16/22 12:49	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634128	07/12/22 17:03	FLD	TAL BUF

Client Sample ID: FIELD BLANK TSCA

Lab Sample ID: 480-199748-9

Matrix: Water

Date Collected: 07/12/22 17:32

Date Received: 07/14/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633588	07/14/22 22:25	CRL	TAL BUF
Total/NA	Prep	8011			634499	07/21/22 18:03	DSC	TAL BUF
Total/NA	Analysis	8011		1	634502	07/21/22 23:46	DSC	TAL BUF
Total/NA	Prep	3510C			633848	07/18/22 08:37	MS	TAL BUF
Total/NA	Analysis	8082A		1	634080	07/19/22 19:38	W1T	TAL BUF
Total/NA	Analysis	9060A		1	633903	07/16/22 13:19	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634128	07/12/22 17:32	FLD	TAL BUF

Client Sample ID: U-26

Lab Sample ID: 480-199748-10

Matrix: Water

Date Collected: 07/12/22 10:17

Date Received: 07/14/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633588	07/14/22 22:48	CRL	TAL BUF
Total/NA	Prep	8011			634499	07/21/22 18:03	DSC	TAL BUF
Total/NA	Analysis	8011		1	634502	07/22/22 00:06	DSC	TAL BUF
Total/NA	Prep	3510C			633848	07/18/22 08:37	MS	TAL BUF
Total/NA	Analysis	8082A		1	634080	07/19/22 19:52	W1T	TAL BUF
Total/NA	Analysis	9060A		1	633903	07/16/22 13:48	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634128	07/12/22 10:17	FLD	TAL BUF

Client Sample ID: U-19

Lab Sample ID: 480-199748-11

Matrix: Water

Date Collected: 07/12/22 10:59

Date Received: 07/14/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633588	07/14/22 23:11	CRL	TAL BUF
Total/NA	Prep	8011			634499	07/21/22 18:03	DSC	TAL BUF
Total/NA	Analysis	8011		1	634502	07/22/22 00:26	DSC	TAL BUF
Total/NA	Prep	3510C			633848	07/18/22 08:37	MS	TAL BUF
Total/NA	Analysis	8082A		1	634080	07/19/22 20:05	W1T	TAL BUF
Total/NA	Analysis	9060A		1	633903	07/16/22 14:18	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634128	07/12/22 10:59	FLD	TAL BUF

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: U-20

Date Collected: 07/12/22 11:27

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633588	07/14/22 23:34	CRL	TAL BUF
Total/NA	Prep	8011			634499	07/21/22 18:03	DSC	TAL BUF
Total/NA	Analysis	8011		1	634502	07/22/22 00:46	DSC	TAL BUF
Total/NA	Prep	3510C			633848	07/18/22 08:37	MS	TAL BUF
Total/NA	Analysis	8082A		1	634080	07/19/22 20:19	W1T	TAL BUF
Total/NA	Analysis	9060A		1	633903	07/16/22 14:48	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634128	07/12/22 11:27	FLD	TAL BUF

Client Sample ID: U-11

Date Collected: 07/12/22 12:20

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633588	07/14/22 23:58	CRL	TAL BUF
Total/NA	Prep	8011			634499	07/21/22 18:03	DSC	TAL BUF
Total/NA	Analysis	8011		1	634502	07/22/22 01:06	DSC	TAL BUF
Total/NA	Prep	3510C			633848	07/18/22 08:37	MS	TAL BUF
Total/NA	Analysis	8082A		1	634080	07/19/22 20:59	W1T	TAL BUF
Total/NA	Analysis	9060A		1	633903	07/16/22 17:16	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634128	07/12/22 12:20	FLD	TAL BUF

Client Sample ID: U-12

Date Collected: 07/12/22 12:47

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633588	07/15/22 00:21	CRL	TAL BUF
Total/NA	Prep	8011			634304	07/20/22 18:44	DSC	TAL BUF
Total/NA	Analysis	8011		1	634305	07/20/22 21:50	DSC	TAL BUF
Total/NA	Prep	3510C			633848	07/18/22 08:37	MS	TAL BUF
Total/NA	Analysis	8082A		1	634080	07/19/22 21:12	W1T	TAL BUF
Total/NA	Analysis	9060A		1	633903	07/16/22 17:45	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634128	07/12/22 12:47	FLD	TAL BUF

Client Sample ID: U-14

Date Collected: 07/12/22 14:45

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633588	07/15/22 00:44	CRL	TAL BUF
Total/NA	Prep	8011			634304	07/20/22 18:44	DSC	TAL BUF
Total/NA	Analysis	8011		1	634305	07/20/22 22:10	DSC	TAL BUF
Total/NA	Prep	3510C			633848	07/18/22 08:37	MS	TAL BUF
Total/NA	Analysis	8082A		1	634080	07/19/22 21:26	W1T	TAL BUF

Eurofins Buffalo

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
SDG: TSCA Quarterly Sampling

Client Sample ID: U-14

Date Collected: 07/12/22 14:45
Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9060A		1	633903	07/16/22 18:14	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634128	07/12/22 14:45	FLD	TAL BUF

Client Sample ID: TRIP BLANK

Date Collected: 07/12/22 00:00
Date Received: 07/14/22 10:00

Lab Sample ID: 480-199748-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633588	07/15/22 01:07	CRL	TAL BUF
Total/NA	Prep	8011			634304	07/20/22 18:44	DSC	TAL BUF
Total/NA	Analysis	8011		1	634305	07/20/22 22:30	DSC	TAL BUF

Client Sample ID: LD-1

Date Collected: 07/11/22 17:12
Date Received: 07/14/22 10:00

Lab Sample ID: 480-199769-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633608	07/15/22 05:06	CRL	TAL BUF
Total/NA	Prep	8011			634304	07/20/22 18:44	DSC	TAL BUF
Total/NA	Analysis	8011		1	634305	07/20/22 22:50	DSC	TAL BUF
Total/NA	Prep	3510C			634155	07/20/22 08:59	MS	TAL BUF
Total/NA	Analysis	8082A		1	634285	07/20/22 22:15	W1T	TAL BUF
Total/NA	Analysis	9060A		1	633903	07/17/22 02:09	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634046	07/11/22 17:12	FLD	TAL BUF

Client Sample ID: LD-2

Date Collected: 07/11/22 17:24
Date Received: 07/14/22 10:00

Lab Sample ID: 480-199769-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633608	07/15/22 05:29	CRL	TAL BUF
Total/NA	Prep	8011			634304	07/20/22 18:44	DSC	TAL BUF
Total/NA	Analysis	8011		1	634305	07/20/22 23:10	DSC	TAL BUF
Total/NA	Prep	3510C			634155	07/20/22 08:59	MS	TAL BUF
Total/NA	Analysis	8082A		1	634285	07/20/22 22:28	W1T	TAL BUF
Total/NA	Analysis	9060A		1	633903	07/17/22 02:38	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634046	07/11/22 17:24	FLD	TAL BUF

Client Sample ID: LD-3

Date Collected: 07/12/22 09:37
Date Received: 07/14/22 10:00

Lab Sample ID: 480-199769-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633683	07/15/22 18:08	CR	TAL BUF

Eurofins Buffalo

Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1
 SDG: TSCA Quarterly Sampling

Client Sample ID: LD-3

Date Collected: 07/12/22 09:37

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199769-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			634304	07/20/22 18:44	DSC	TAL BUF
Total/NA	Analysis	8011		1	634305	07/20/22 23:30	DSC	TAL BUF
Total/NA	Prep	3510C			634155	07/20/22 08:59	MS	TAL BUF
Total/NA	Analysis	8082A		1	634285	07/20/22 22:41	W1T	TAL BUF
Total/NA	Analysis	9060A		1	634365	07/20/22 22:11	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634046	07/12/22 09:37	FLD	TAL BUF

Client Sample ID: LD-4

Date Collected: 07/12/22 08:57

Date Received: 07/14/22 10:00

Lab Sample ID: 480-199769-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633683	07/15/22 18:32	CR	TAL BUF
Total/NA	Prep	8011			634304	07/20/22 18:44	DSC	TAL BUF
Total/NA	Analysis	8011		1	634305	07/21/22 00:10	DSC	TAL BUF
Total/NA	Prep	3510C			634155	07/20/22 08:59	MS	TAL BUF
Total/NA	Analysis	8082A		1	634285	07/20/22 22:55	W1T	TAL BUF
Total/NA	Analysis	9060A		1	634365	07/20/22 22:41	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	634046	07/12/22 08:57	FLD	TAL BUF

Laboratory References:

TAL BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Republic Services Inc

Job ID: 480-199714-1

Project/Site: Aber Rd. Landfill-TSCA Quarterly

SDG: TSCA Quarterly Sampling

Laboratory: Eurofins Buffalo

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-0686	07-06-22 *
Connecticut	State	PH-0568	03-31-24
Florida	NELAP	E87672	06-30-23
Georgia	State	10026 (NY)	04-01-23
Georgia	State Program	N/A	03-31-09 *
Georgia (DW)	State	956	03-31-23
Illinois	NELAP	200003	09-30-22
Illinois	NELAP	200003	09-30-22
Iowa	State	374	03-01-23
Iowa	State Program	374	03-01-09 *
Kansas	NELAP	E-10187	01-31-23
Kentucky (DW)	State	90029	12-31-22
Kentucky (UST)	State	30	04-01-22 *
Kentucky (WW)	State	KY90029	12-31-22
Louisiana	NELAP	02031	06-30-23
Louisiana (All)	NELAP	02031	06-30-23
Maine	State	NY00044	12-04-22
Maryland	State	294	03-31-23
Massachusetts	State	M-NY044	06-30-23
Michigan	State	9937	04-01-22 *
Michigan	State Program	9937	04-01-09 *
New Hampshire	NELAP	2973	09-11-19 *
New Hampshire	NELAP	2337	11-17-22
New Jersey	NELAP	NY455	06-30-23
New York	NELAP	10026	03-31-23
Pennsylvania	NELAP	68-00281	07-31-22
Rhode Island	State	LAO00328	12-30-22
Tennessee	State	02970	04-01-23
Texas	NELAP	T104704412-18-10	07-31-22
USDA	US Federal Programs	P330-18-00039	03-25-24
Virginia	NELAP	460185	09-14-22
Washington	State	C784	02-10-23
Wisconsin	State	998310390	08-31-22

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Buffalo

Method Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1

SDG: TSCA Quarterly Sampling

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8011	EDB and DBCP in Water by Microextraction	EPA	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
9060A	Organic Carbon, Total (TOC)	SW846	TAL BUF
Field Sampling	Field Sampling	EPA	TAL BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF
8011	Microextraction	SW846	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1

SDG: TSCA Quarterly Sampling

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	
480-199714-1	C-6	Water	07/11/22 14:10	07/13/22 10:00	1
480-199714-2	C-9	Water	07/11/22 15:09	07/13/22 10:00	2
480-199714-3	C-10	Water	07/11/22 15:41	07/13/22 10:00	3
480-199714-4	C-12	Water	07/11/22 15:23	07/13/22 10:00	4
480-199714-5	C-2	Water	07/11/22 14:40	07/13/22 10:00	5
480-199719-1	U-15	Water	07/11/22 10:22	07/13/22 10:00	6
480-199719-2	U-17	Water	07/11/22 10:47	07/13/22 10:00	7
480-199719-3	U-16	Water	07/11/22 11:26	07/13/22 10:00	8
480-199719-4	U-18	Water	07/11/22 11:50	07/13/22 10:00	9
480-199719-5	U-22A	Water	07/11/22 12:29	07/13/22 10:00	10
480-199719-6	U-21A	Water	07/11/22 12:59	07/13/22 10:00	11
480-199719-7	U-21	Water	07/11/22 13:52	07/13/22 10:00	12
480-199719-8	U-22	Water	07/11/22 14:29	07/13/22 10:00	13
480-199719-9	U-23	Water	07/11/22 15:25	07/13/22 10:00	14
480-199719-10	U-24	Water	07/11/22 15:59	07/13/22 10:00	15
480-199719-11	U-25	Water	07/11/22 18:08	07/13/22 10:00	16
480-199719-12	DUP TSCA 1	Water	07/11/22 18:08	07/13/22 10:00	
480-199748-1	U-3	Water	07/13/22 08:58	07/14/22 10:00	
480-199748-2	U-5	Water	07/13/22 09:57	07/14/22 10:00	
480-199748-3	U-6	Water	07/13/22 10:55	07/14/22 10:00	
480-199748-4	U-10	Water	07/12/22 14:05	07/14/22 10:00	
480-199748-5	DUP TSCA 2	Water	07/12/22 14:05	07/14/22 10:00	
480-199748-6	U-13	Water	07/12/22 15:42	07/14/22 10:00	
480-199748-7	U-4	Water	07/12/22 17:03	07/14/22 10:00	
480-199748-8	DUP TSCA 3	Water	07/12/22 17:03	07/14/22 10:00	
480-199748-9	FIELD BLANK TSCA	Water	07/12/22 17:32	07/14/22 10:00	
480-199748-10	U-26	Water	07/12/22 10:17	07/14/22 10:00	
480-199748-11	U-19	Water	07/12/22 10:59	07/14/22 10:00	
480-199748-12	U-20	Water	07/12/22 11:27	07/14/22 10:00	
480-199748-13	U-11	Water	07/12/22 12:20	07/14/22 10:00	
480-199748-14	U-12	Water	07/12/22 12:47	07/14/22 10:00	
480-199748-15	U-14	Water	07/12/22 14:45	07/14/22 10:00	
480-199748-16	TRIP BLANK	Water	07/12/22 00:00	07/14/22 10:00	
480-199769-1	LD-1	Water	07/11/22 17:12	07/14/22 10:00	
480-199769-2	LD-2	Water	07/11/22 17:24	07/14/22 10:00	
480-199769-3	LD-3	Water	07/12/22 09:37	07/14/22 10:00	
480-199769-4	LD-4	Water	07/12/22 08:57	07/14/22 10:00	

Columbus

Chain of Custody Record

Eurofins - Buffalo
Amherst, NY 14228
Ph: (716) 504-9552 Fax: (716) 691-7991

Environment Testing
America

Columbus eurofins
209

DW NPOES RCRA Other:

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

[COC No: _____ of COCs]

TALS Project #: _____

Sampler: D.L.A.

For Lab Use Only:

Walk-in Client

Regulatory Program: DW NPOES RCRA Other:

Project Manager: Mike Gibson

Email: mgibson@eagonic.com

Tel/Fax: (614) 888-5760/5763

Analysis Turnaround Time

CALENDAR DAYS WORKING DAYS

TAT if different from Below

2 weeks

1 week

2 days

1 day

Filtred Sample (Y/N)

VOCs (8260C)

PCBs (8082A)

TOC (9060A)

VOCs (8011)

Matrix

of Cont.

Sample Date

Sample Time

Type (C=Comp. G=Grab)

Sample Identification

7-11-22 10:22 Grab

U-15

7-11-22 10:47 Grab

U-17

7-11-22 11:26 Grab

U-16

7-11-22 11:50 Grab

U-18

7-11-22 12:24 Grab

U-22A

7-11-22 12:59 Grab

U-21A

7-11-22 10:10 Grab

Site Contact: Andrew Thompson

Lab Contact: Brian Fischer

Date: _____

Carrier: _____

Comments: _____

Special Instructions/QC Requirements & Comments: _____

Non-Hazardous:

Hazardous:

Skin Irritant:

Poison A:

Poison B:

Unknown:

Comments: _____

COCs: _____

Comments: _____</p

Columbus

Eurofins - Buffalo
Amherst, NY 14228
Ph. (716) 504-9852 Fax

Chain of Custody Record Columbus 209

209

Eurofins - Buffalo
Amherst, NY 14228
Ph. (716) 504-9852 Fax: (716) 691-7991

Chain of Custody Record Columbus 209
eurofins | Environment Testing America

TestAmerica Laboratories, Inc. db/a Eurofins TestAmerica							
Regulatory Program:		<input type="checkbox"/> DW	<input type="checkbox"/> NPPES	<input type="checkbox"/> RCRA	<input type="checkbox"/> Other:		
Project Manager: Mike Gibson		Email: mgibson@eagoninc.com	Site Contact: Andrew Thompson	Date: 7-13-12	COC No:		
Client Contact		Tel/Fax: (614) 886-5760/5763	Lab Contact: Brian Fischer	Carrier:	TALS Project #:		
Analysis Turnaround Time <input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day							
Project Name: TSCA - Quarterly Sampling Site: CECOS-Aber Rd O #							
Sample Identification U-3 U-5 Matrix Spike TSCA Matrix Spike TSCA Dup U-6							
Sample Date Sample Time Sample Type (C=Comp, G=Grab) Matrix # of Cont. 7-13-22 08:58 Grab G/w 10 N X X X X 7-13-22 09:57 10 N X X X X 7-13-22 09:57 10 N X X X X 7-13-22 09:57 10 N X X X X 7-13-22 10:55 10 V X X X X 7-13-22 10:55 10 V X X X X							
Filtered Sample (Y / N) <input type="checkbox"/> VOCs (8260C) <input type="checkbox"/> VOCs (8011) <input type="checkbox"/> TOC (9060A) <input type="checkbox"/> PCBs (8082A)							
Sample Specific Notes:  480-199/48 Chain of Custody							
Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample. <input type="checkbox"/> Non-hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant Special Instructions/QC Requirements & Comments: Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Relinquished by: Brian Cen Relinquished to by: M. Mow Relinquished by: J. Miller Received by: Brian Miller Received by: Brian Miller Received by: Brian Miller							
Custody Seal No.: <u>3,5,3,1,3,8</u> Corrid: <u>1445</u> Date/Time: <u>7-13-12 14:45</u> Company: <u>Eagon & Associates, Inc.</u>		Cooler Temp. (°C): Obs'd: <u>21.2</u> Received by: <u>Brian Miller</u> Date/Time: <u>7-13-12 17:00</u> Company: <u>EAGAN</u>					
<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for Months							

Form No. CA-C-WI-002, Rev. 4.35, dated 10/6/2020

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-199714-1

SDG Number: TSCA Quarterly Sampling

Login Number: 199714

List Source: Eurofins Buffalo

List Number: 1

Creator: Stopa, Erik S

Question	Answer	Comment	
Radioactivity either was not measured or, if measured, is at or below background	True		1
The cooler's custody seal, if present, is intact.	True		2
The cooler or samples do not appear to have been compromised or tampered with.	True		3
Samples were received on ice.	True		4
Cooler Temperature is acceptable.	True		5
Cooler Temperature is recorded.	True		6
COC is present.	True		7
COC is filled out in ink and legible.	True		8
COC is filled out with all pertinent information.	True		9
Is the Field Sampler's name present on COC?	True		10
There are no discrepancies between the sample IDs on the containers and the COC.	True		11
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True		12
Sample containers have legible labels.	True		13
Containers are not broken or leaking.	True		14
Sample collection date/times are provided.	True		15
Appropriate sample containers are used.	True		16
Sample bottles are completely filled.	True		
Sample Preservation Verified	True		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True		
If necessary, staff have been informed of any short hold time or quick TAT needs	True		
Multiphasic samples are not present.	True		
Samples do not require splitting or compositing.	True		
Sampling Company provided.	True	ETA	
Samples received within 48 hours of sampling.	True		
Samples requiring field filtration have been filtered in the field.	N/A		
Chlorine Residual checked.	N/A		

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-199714-1

SDG Number: TSCA Quarterly Sampling

Login Number: 199719

List Source: Eurofins Buffalo

List Number: 1

Creator: Wallace, Cameron

Question	Answer	Comment	
Radioactivity either was not measured or, if measured, is at or below background	True		1
The cooler's custody seal, if present, is intact.	True		2
The cooler or samples do not appear to have been compromised or tampered with.	True		3
Samples were received on ice.	True		4
Cooler Temperature is acceptable.	True		5
Cooler Temperature is recorded.	True		6
COC is present.	True		7
COC is filled out in ink and legible.	True		8
COC is filled out with all pertinent information.	True		9
Is the Field Sampler's name present on COC?	True		10
There are no discrepancies between the sample IDs on the containers and the COC.	True		11
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True		12
Sample containers have legible labels.	True		13
Containers are not broken or leaking.	True		14
Sample collection date/times are provided.	True		15
Appropriate sample containers are used.	True		16
Sample bottles are completely filled.	True		
Sample Preservation Verified	True		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True		
If necessary, staff have been informed of any short hold time or quick TAT needs	True		
Multiphasic samples are not present.	True		
Samples do not require splitting or compositing.	True		
Sampling Company provided.	True	EAGON	
Samples received within 48 hours of sampling.	True		
Samples requiring field filtration have been filtered in the field.	True		
Chlorine Residual checked.	N/A		

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-199714-1

SDG Number: TSCA Quarterly Sampling

Login Number: 199748

List Source: Eurofins Buffalo

List Number: 1

Creator: Sabuda, Brendan D

Question	Answer	Comment	
Radioactivity either was not measured or, if measured, is at or below background	True		1
The cooler's custody seal, if present, is intact.	True		2
The cooler or samples do not appear to have been compromised or tampered with.	True		3
Samples were received on ice.	True		4
Cooler Temperature is acceptable.	True		5
Cooler Temperature is recorded.	True	3.5 3.1 3.8 #1 ICE	6
COC is present.	True		7
COC is filled out in ink and legible.	True		8
COC is filled out with all pertinent information.	True		9
Is the Field Sampler's name present on COC?	True		10
There are no discrepancies between the sample IDs on the containers and the COC.	True		11
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True		12
Sample containers have legible labels.	True		13
Containers are not broken or leaking.	True		14
Sample collection date/times are provided.	True		15
Appropriate sample containers are used.	True		16
Sample bottles are completely filled.	True		
Sample Preservation Verified	True		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True		
If necessary, staff have been informed of any short hold time or quick TAT needs	True		
Multiphasic samples are not present.	True		
Samples do not require splitting or compositing.	True		
Sampling Company provided.	True		
Samples received within 48 hours of sampling.	True		
Samples requiring field filtration have been filtered in the field.	True		
Chlorine Residual checked.	True		

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-199714-1

SDG Number: TSCA Quarterly Sampling

Login Number: 199769

List Source: Eurofins Buffalo

List Number: 1

Creator: Sabuda, Brendan D

Question	Answer	Comment	
Radioactivity either was not measured or, if measured, is at or below background	True		1
The cooler's custody seal, if present, is intact.	True		2
The cooler or samples do not appear to have been compromised or tampered with.	True		3
Samples were received on ice.	True		4
Cooler Temperature is acceptable.	True		5
Cooler Temperature is recorded.	True	3.7 #1 ice	6
COC is present.	True		7
COC is filled out in ink and legible.	True		8
COC is filled out with all pertinent information.	True		9
Is the Field Sampler's name present on COC?	True		10
There are no discrepancies between the sample IDs on the containers and the COC.	True		11
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True		12
Sample containers have legible labels.	True		13
Containers are not broken or leaking.	True		14
Sample collection date/times are provided.	True		15
Appropriate sample containers are used.	True		16
Sample bottles are completely filled.	True		
Sample Preservation Verified	True		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True		
If necessary, staff have been informed of any short hold time or quick TAT needs	True		
Multiphasic samples are not present.	True		
Samples do not require splitting or compositing.	True		
Sampling Company provided.	True		
Samples received within 48 hours of sampling.	False		
Samples requiring field filtration have been filtered in the field.	True		
Chlorine Residual checked.	True		

Quantitation Limit Exceptions Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill-TSCA Quarterly

Job ID: 480-199714-1

SDG: TSCA Quarterly Sampling

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Analyte	Matrix	Prep Type	Unit	Client RL	Lab PQL
8260C	Hexachlorobutadiene	Water	Total/NA	ug/L	1.0	2.0

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

SURFACE WATER FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# _____

Sample Location: C-60
Sampling Program:
TSCA
Lab # _____
Lab # _____

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Standg/FIwg Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Investigation:

Date: 7/11/22
Start Time: 14:10
End Time: 14:10
Purge Rate: 100 ml/min
Volume Purged: 100 ml
Purged Dry: Yes/No
Casing: 1 inch/ SS PVC

Personnel Present: _____ ft.
Depth to Bottom: _____ ft.
Depth to Water: _____ ft.
Height of Water Column: _____ ft.
Casing Volume: _____ gal.
Level After Purge: _____ ft.

Weather Conditions: _____

Sampling

Date: 7/11/22
Time Sampled: 14:10
Sample Appearance: Clear, no odor

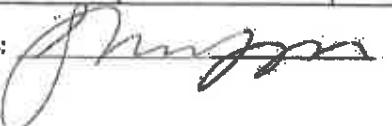
Personnel Present: Shane, Gravely
Depth to Water: _____ ft.
Recharge Rate: _____ gal.
Filter #: _____ Diss O₂: _____

Weather Conditions: 88 F / sunny / SE 4 mph

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>23.7</u>	<u>7.18</u>	<u>371.2</u>	<u>10.2</u>

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>--</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>--</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 7/11/22

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

SURFACE WATER FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# _____

C-9

Sample Location:

Sampling Program:

TSCA

Lab # _____

Lab # _____

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flwng Water
 Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 7/11/22
 Start Time: 15:09
 End Time:
 Purge Rate: gpm
 Volume Purged: gal
 Purged Dry: Yes/No
 Casing: inch/ SS PVC

Personnel Present: _____ ft.
 Depth to Bottom: _____ ft.
 Depth to Water: _____ ft.
 Height of Water Column: _____ ft.
 Casing Volume: _____ gal.
 Level After Purge: _____ ft.

Weather Conditions: _____

Sampling

Date: 7/11/22
 Time Sampled: 15:09
 Sample Appearance: clear
no odor

Personnel Present: Shana Gandy
 Depth to Water: _____ ft.
 Recharge Rate: _____ gal.
 Filter #: _____ Diss O₂: _____

Weather Conditions: 87°F, Sun, SC 9 mph

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>26.4</u>	<u>7.98</u>	<u>455</u>	<u>7.91</u>

Container Number	Size ml	Type pl/g	Preservation	Parameters/Comments
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>.8260C VOCs</u>
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u> </u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u> </u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Signature: J. Brown Jr.

Date: 7/11/22

SURFACE WATER FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# 4

Sample Location: C-10
Sampling Program:
TSCA
Lab #
Lab #

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle String/Fling Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 7/11/22
Start Time: 10:00
End Time: 10:30
Purge Rate: 100 ml/min
Volume Purged: 100 ml
Purged Dry: Yes/No
Casing: 1 inch/ SS PVC

Personnel Present: _____ ft.
Depth to Bottom: _____ ft.
Depth to Water: _____ ft.
Height of Water Column: _____ ft.
Casing Volume: _____ gal.
Level After Purge: _____ ft.

Weather Conditions:

Sampling

Date: 7/11/22
Time Sampled: 10:30 AM
Sample Appearance: Clear
No odor

Personnel Present: Sharon Garvey
Depth to Water: _____ ft.
Recharge Rate: _____ gal.
Filter #: _____ Diss O₂: _____

Weather Conditions: SUN, 90°F, S 3 mph

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>20.7</u>	<u>7.86</u>	<u>416</u>	<u>6.71</u>

Container Number	Size ml	Type pl/g	Preservation	Parameters/Comments
—	3x40	glass vial	HCl; Cool.	8260C VOCs
—	3x40	glass vial	HCl; Cool	8011 VOCs
—	2x40	glass vial	HCl; Cool	TOC
—	2x250	amber glass	Cool	PCBs

Signature: Sharon Garvey

Date: 7/11/22

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SURFACE WATER FIELD LOG

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Page#

Sample Location: C-12
Sampling Program:
TSCA
Lab #
Lab #

Sample Source:	<input type="checkbox"/> Monitoring Well	<input type="checkbox"/> Leachate Standpipe	<input type="checkbox"/> Leak Detector
	<input type="checkbox"/> Underdrain	<input checked="" type="checkbox"/> Stream	<input type="checkbox"/> Pond
			<input type="checkbox"/> Other

Sample Type:	<input checked="" type="checkbox"/> Grab	<input type="checkbox"/> Composite	<input checked="" type="checkbox"/> Dipping Bottle Strndg/Fwng Water
Sample Equipment:	<input type="checkbox"/> Grundfos Pump	<input type="checkbox"/> Electric Pump	<input type="checkbox"/> Venturi Pump
	<input type="checkbox"/> Baile	<input type="checkbox"/> Other:	

Evacuation:

Date: 7/7/01
 Start Time: 10:00
 End Time: 11:00
 Purge Rate: 1000 ppm
 Volume Purged: gal
 Purged Dry: Yes/No
 Casing: inch/ SS PVC

Personnel Present: _____ ft.
 Depth to Bottom: _____ ft.
 Depth to Water: _____ ft.
 Height of Water Column: _____ ft.
 Casing Volume: _____ gal.
 Level After Purge: _____ ft.

Weather Conditions: _____

Sampling

Date: 7/7/01
 Time Sampled: 15:23
 Sample Appearance: sw, 90 F
S 3mpn

Personnel Present: Shawn Gandy
 Depth to Water: _____ ft.
 Recharge Rate: _____ gal.
 Filter #: _____ Diss O₂: _____

Weather Conditions: sw, 90 F, S 3mpn

Comments:

Temperature	pH	Specific Conductance	Turbidity
(°C)	S.U.	(umhos/cm)	(NTU)
/	/	/	/
/	/	/	/
/	/	/	/
22.0	9.09	401	6.88

Container Number	Size ml	Type pl/g	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: J. Brown Date: 7/11/01

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SURFACE WATER FIELD LOG

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Page#

C-2

Sample Location:

Sampling Program:

TSCA

Lab #

Lab #

Sample Source:	<input type="checkbox"/> Monitoring Well	<input type="checkbox"/> Leachate Standpipe	<input type="checkbox"/> Leak Detector
	<input type="checkbox"/> Underdrain	<input checked="" type="checkbox"/> Stream	<input type="checkbox"/> Pond
			<input type="checkbox"/> Other

Sample Type:	<input checked="" type="checkbox"/> Grab	<input type="checkbox"/> Composite	<input checked="" type="checkbox"/> Dipping Bottle Sndng/Flwng Water
Sample Equipment:	<input type="checkbox"/> Grundfos Pump	<input type="checkbox"/> Electric Pump	<input type="checkbox"/> Venturi Pump
	<input type="checkbox"/> Bailer	<input type="checkbox"/> Other: _____	

Evacuation:

Date: 7/11/22
 Start Time: 14:40
 End Time:
 Purge Rate: ppm
 Volume Purged: gal
 Purged Dry: Yes/No
 Casing: in/in SS PVC

Personnel Present: _____ ft.
 Depth to Bottom: _____ ft.
 Depth to Water: _____ ft.
 Height of Water Column: _____ ft.
 Casing Volume: _____ gal.
 Level After Purge: _____ ft.

Weather Conditions: _____

Sampling

Date: 7/11/22
 Time Sampled: 14:40
 Sample Appearance: clear
no odor

Personnel Present: Silvana Garry
 Depth to Water: _____ ft.
 Recharge Rate: _____ gal.
 Filter #: _____ Diss O₂: _____

Weather Conditions: 89 F, SE 70 mph, SWD

Comments:

Temperature	pH	Specific Conductance	Turbidity
(°C)	S.U.	(µmhos/cm)	(NTU)
<u>26.2</u>	<u>8.26</u>	<u>470</u>	<u>8.06</u>

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: Dawn

Date: 7/11/22

UNDERDRAIN FIELD LOG

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Page# 1

Sample Location: U-15

Sampling Program: TSCA

Lab # --

Lab # --

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: X Grab Composite Dipping Bottle Stand/Fwng Water
 Sample Equipment: Grundfos Pump X Electric Pump Venturi Pump
Bailer Other:

Evacuation:

Date: 7/11/22
 Start Time: 10:08
 End Time: 10:22
 Purge Rate: 14.29 gpm
 Volume Purged: 200 gal
 Purged Dry: Yes/No
 Casing: -- inch/ -- SS -- PVC

Personnel Present: D.C.m
 Depth to Bottom: -- ft.
 Depth to Water: -- ft.
 Height of Water Column: -- ft.
 Casing Volume: -- gal.
 Level After Purge: -- ft.

Weather Conditions: 76°/Clear/Sun N

Sampling

Date: 7/11/22
 Time Sampled: 10:22
 Sample Appearance: Clear
No odor

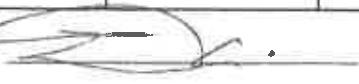
Personnel Present: D.C.m
 Depth to Water: -- ft.
 Recharge Rate: -- gal.
 Filter #: -- Diss O₂: --

Weather Conditions: 76°/Clear/Sun N

Comments: Purge and Sample Water Effluent

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.4</u>	<u>6.52</u>	<u>2600</u>	

Container Number	Size ml	Type pV/g	Preservation	Parameters/Comments
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>--</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>--</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 7/11/22

UNDERDRAIN FIELD LOG

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Page# 1

Sample Location: U-17
Sampling Program: TSCA
--
--
Lab # --
Lab # --

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Standng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other:

Evacuation:

Date: 7/11/22
Start Time: 10:35
End Time: 10:47
Purge Rate: 16.7 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: — inch/ — SS — PVC

Personnel Present: D.C. in
Depth to Bottom: — ft.
Depth to Water: — ft.
Height of Water Column: — ft.
Casing Volume: — gal.
Level After Purge: — ft.

Weather Conditions: 77°C clear/5 mph N

Sampling

Date: 7/11/22
Time Sampled: 10:47
Sample Appearance: Clear
No odor

Personnel Present: D.C. in
Depth to Water: — ft.
Recharge Rate: — gal.
Filter #: —
Diss O₂: —

Weather Conditions: 77°C clear/5 mph N

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.7</u>	<u>6.87</u>	<u>2050</u>	

Container Number	Size ml	Type pV/gl	Preservation	Parameters/Comments
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>—</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>—</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Signature: 

Date: 7/11/22

UNDERDRAIN FIELD LOG

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Page# 1

Sample Location: U-16

Sampling Program:

TSCA

Lab # --

Lab # --

Sample Source: X Monitoring Well Leachate Standpipe
 Underdrain Stream Leak Detector
 Pond Other

Sample Type: X Grab Composite Dipping Bottle Standg/Pwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailei Other: _____

Evacuation:

Date: 7/11/22
Start Time: 11:14
End Time: 11:26
Purge Rate: 16.67 gpm
Volume Purged: 200 gal
Purged Dry: Yes No
Casing: inch / SS PVC

Personnel Present: D.C.n
Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal.
Level After Purge: ft.

Weather Conditions: 80°/Clear/5 mph N

Sampling

Date: 7/11/22
Time Sampled: 11:26
Sample Appearance: Clear
No odor

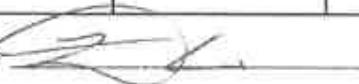
Personnel Present: D.C.n
Depth to Water: ft.
Recharge Rate: gal.
Filter #: Diss O₂:

Weather Conditions: 80°/Clear/5 mph N

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
14.6	6.69	2520	

Container Number	Size ml	Type v/g	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: 

Date: 7/11/22

UNDERDRAIN FIELD LOG

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Page# -

Sample Location: U-18

Sampling Program: TSCA

Lab #: -

Lab #: -

Sample Source:	<input type="checkbox"/> Monitoring Well	<input type="checkbox"/> Leachate Standpipe	<input type="checkbox"/> Leak Detector
	<input checked="" type="checkbox"/> Underdrain	<input type="checkbox"/> Stream	<input type="checkbox"/> Pond
			<input type="checkbox"/> Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flwng Water

Sample Equipment:	<input type="checkbox"/> Grundfos Pump	<input checked="" type="checkbox"/> Electric Pump	<input type="checkbox"/> Venturi Pump
	<input type="checkbox"/> Bailer	<input type="checkbox"/> Other:	

Evacuation:

Date: 7/11/22

Personnel Present: D.C.i.n

Start Time: 11:38

Depth to Bottom: - ft.

End Time: 11:50

Depth to Water: - ft.

Purge Rate: 16.67 gpm

Height of Water Column: - ft.

Volume Purged: 200 gal

Casing Volume: - gal

Purged Dry: Yes

Level After Purge: - ft.

Casing: - inch/ - ss - PVC

Weather Conditions: 81° / Clear / Slight N

Sampling

Date: 7/11/22

Personnel Present: D.C.i.n

Time Sampled: 11:50

Depth to Water: - ft.

Sample Appearance: Clear

Recharge Rate: - gal.

4m water

Filter #: - Diss O₂: -

Weather Conditions: 81° / Clear / Slight N

Comments: Purge and Sample water Effervescent

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
4.7	6.84	1790	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: 

Date: 7/11/22

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UNDERDRAIN FIELD LOG

Page# -

Sample Location: U-22A
Sampling Program: TSCA
Lab # -
Lab # -

Sample Source: Monitoring Well Underdrain Leachate Standpipe Leak Detector
 Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Standng/Fiwing Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other:

Evacuation:

Date: 7/11/22
Start Time: 12:17
End Time: 12:29
Purge Rate: 16.67 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: -- inch/ - SS -- PVC

Personnel Present: D.C.
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 82°/Clear/No wind

Sampling

Date: 7/11/22
Time Sampled: 12:29
Sample Appearance: Clear
No odor

Personnel Present: D.C.
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: -
Diss O₂: -

Weather Conditions: 82°/Clear/No wind

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.8</u>	<u>6.81</u>	<u>1962</u>	

Container Number	Size ml	Type pV/g	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: [Signature]

Date: 7/11/22

UNDERDRAIN FIELD LOG

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Page#

Sample Location: U-21A
Sampling Program: TSCA
Lab #:
Lab #:

Sample Source: Monitoring Well Underdrain Leachate Standpipe
 Stream Pond Leak Detector
 Other

Sample Type: Grab Composite Dipping Bottle Sndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other:

Evacuation:

Date: 7/11/22
Start Time: 12:47
End Time: 12:59
Purge Rate: 16.67 gpm
Volume Purged: 206 gal
Purged Dry: Yes No
Casing: ~ inch SS PVC

Personnel Present: D. Cohn
Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal.
Level After Purge: ft.

Weather Conditions: 83°/Clear/2 mph nw

Sampling

Date: 7/11/22
Time Sampled: 12:59
Sample Appearance: Clear
no odor

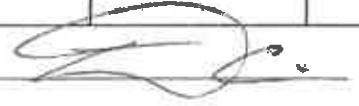
Personnel Present: D. Cohn
Depth to Water: ft.
Recharge Rate: gal.
Filter #: Diss O₂:

Weather Conditions: 83°/Clear/2 mph nw

Comments:

Temperature (°C)	pH	Specific Conductance (umhos/cm)	Turbidity (NTU)
14.6	7.19	1113	

Container Number	Size ml	Type pl/g	Preservation	Parameters/Comments
	3x40	glass vial	HCl; Cool	8260C VOCs
	3x40	glass vial	HCl; Cool	8011 VOCs
	2x40	glass vial	HCl; Cool	TOC
	2x250	amber glass	Cool	PCBs

Signature: 

Date: 7/11/22

UNDERDRAIN FIELD LOG

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Page#

Sample Location: U-21
Sampling Program: TSCA
Lab #
Lab #

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other:

Evacuation:

Date: 7/11/22
Start Time: 13:44
End Time: 13:56
Purge Rate: 16.7 gpm
Volume Purged: 200 gal
Purged Dry: Yes/No
Casing: inch/ SS PVC

Personnel Present: D.Crin
Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal.
Level After Purge: ft.

Weather Conditions: 85°/Clear/6 mph NW

Sampling

Date: 7/11/22
Time Sampled: 13:56
Sample Appearance: Clear
No odor

Personnel Present: D.Crin
Depth to Water: ft.
Recharge Rate: gal.
Filter #:
Diss O₂:

Weather Conditions: 85°/Clear/6 mph NW

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.8</u>	<u>7.24</u>	<u>1179</u>	

Container Number	Size ml	Type pV/gl	Preservation	Parameters/Comments
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u> </u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u> </u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Signature: 

Date: 7/11/22

UNDERDRAIN FIELD LOG

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Page#

Sample Location: V-22
Sampling Program: TSCA
--
--
Lab # --
Lab # --

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Sndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other:

Evacuation:

Date: 7/11/22
Start Time: 14:17
End Time: 14:29
Purge Rate: 16.67 gpm
Volume Purged: 2000 gal
Purged Dry: Yes

Casing: - inch/ - SS - PVC

Weather Conditions: 85°/Clear/Graph NW

Personnel Present: D.C.m
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Sampling

Date: 7/11/22
Time Sampled: 14:29
Sample Appearance: Clear
No odor

Personnel Present: D.C.m
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: - Diss O₂: -

Weather Conditions: 85°/Clear/Graph NW

Comments: Purge and sample water Effluent

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
15.0	6.95	186.9	

Container Number	Size ml	Type pV/g	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: 

Date: 7/11/22

UNDERDRAIN FIELD LOG

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Williamsburg, OH 45176
(513) 724-6114

Page# _____

Sample Location: U-23

Sampling Program: TSCA

Lab # -

Lab # -

Sample Source:	<input type="checkbox"/> Monitoring Well	<input type="checkbox"/> Leachate Standpipe	<input type="checkbox"/> Leak Detector
	<input checked="" type="checkbox"/> Underdrain	<input type="checkbox"/> Stream	<input type="checkbox"/> Pond
			<input type="checkbox"/> Other

Sample Type:	<input type="checkbox"/> Grab	<input type="checkbox"/> Composite	<input type="checkbox"/> Dipping Bottle Standg/FIwng Water
Sample Equipment:	<input type="checkbox"/> Grundfos Pump	<input checked="" type="checkbox"/> Electric Pump	<input type="checkbox"/> Venturi Pump
	<input type="checkbox"/> Bailer	<input type="checkbox"/> Other:	

Evacuation:

Date: 7/11/22
 Start Time: 15:07
 End Time: 15:25
 Purge Rate: 11.11 gpm
 Volume Purged: 200 gal.
 Purged Dry: Yes No
 Casing: - inch/ - SS - PVC

Personnel Present: D-L-A
 Depth to Bottom: - ft.
 Depth to Water: - ft.
 Height of Water Column: - ft.
 Casing Volume: - gal.
 Level After Purge: - ft.

Weather Conditions: 87°/clear/6 mph w.

Sampling

Date: 7/11/22
 Time Sampled: 15:25
 Sample Appearance: Clear
No odor

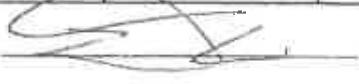
Personnel Present: D-L-A
 Depth to Water: - ft.
 Recharge Rate: - gal.
 Filter #: -
 Diss O₂: -

Weather Conditions: 87°/clear/6 mph w.

Comments:

Temperature	pH	Specific Conductance	Turbidity
(°C)	S.U.	(umhos/cm)	(NTU)
<u>15.6</u>	<u>7.03</u>	<u>1071</u>	

Container Number	Size ml	Type pV/g	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: 

Date: 7/11/22

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# _____

Sample Location: 0-24
Sampling Program:
TSCA
Lab # --
Lab # --

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flyng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 7/11/22
Start Time: 15:46
End Time: 15:59
Purge Rate: 15.38 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: - inch/ - SS - PVC

Personnel Present: D-Cain
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 87% Clear/60phw

Sampling

Date: 7/11/22
Time Sampled: 15:59
Sample Appearance: clear
no odor

Personnel Present: D-Cain
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: -
Diss O₂: -

Weather Conditions: 87% Clear/60phw

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
14.9	6.53	1934	

Container Number	Size ml	Type vial	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: 

Date: 7/11/22

UNDERDRAIN FIELD LOG

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Page# --

Sample Location: U-25
Sampling Program:
TSCA
Lab # --
Lab # --

Sample Source: Monitoring Well Underdrain Leachate Standpipe Leak Detector
 Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Standng/Flyng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other:

Evacuation:

Date: 7/11/22
Start Time: 17:43
End Time: 18:08
Purge Rate: 8 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: - inch / SS PVC

Personnel Present: D.C. ft.
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 85° / Clear / 7 mph W

Sampling

Date: 7/11/22
Time Sampled: 18:08
Sample Appearance: Clear
100% clear

Personnel Present: D.C. ft.
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: - Diss O₂: -

Weather Conditions: 85° / Clear / 7 mph W

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>5.8</u>	<u>6.73</u>	<u>1609</u>	

Container Number	Size ml	Type pt/gl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: 

Date: 7/11/22

UNDERDRAIN FIELD LOG

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Page# --

Sample Location: DVP TSCA
Sampling Program:
TSCA
Lab # --
Lab # --

Sample Source: X Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: X Grab Composite Dipping Bottle Standng/Fiwing Water
Sample Equipment: Grundfos Pump X Electric Pump Venturi Pump
 Bailler Other: _____

Evacuation:

Date: 7/11/22
Start Time: 17:43
End Time: 19:08
Purge Rate: 8 spm
Volume Purged: 200 gal
Purged Dry: Yes/No
Casing: inch/ SS PVC

Personnel Present: D.C.n
Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal.
Level After Purge: ft.

Weather Conditions: 88°/clear/7 mph W

Sampling

Date: 7/11/22
Time Sampled: 18:08
Sample Appearance: Clear
No odor

Personnel Present: D.C.n
Depth to Water: ft.
Recharge Rate: gal.
Filter #: Diss O₂:

Weather Conditions: 88°/clear/7 mph W

Comments:

Collected @ V-25

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>15.8</u>	<u>6.73</u>	<u>1609</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: 

Date: 7/11/22

UNDERDRAIN FIELD LOG

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Page#

U-3

Sample Location:

TSCA

Sampling Program:

Lab #

Lab #

Lab #

Sample Source:

Monitoring Well
 Underdrain

Leachate Standpipe
 Stream

Dipping Bottle String/Flooding Water

Leak Detector
 Pond
 Other

Sample Type:

Grab

Composite

Dipping Bottle String/Flooding Water

Sample Equipment:

Grundfos Pump
 Bailer

Electric Pump

Venturi Pump

Other:

Evacuation:

Date: 7/13/22

Personnel Present:

D.Cain

Start Time: 08:20

Depth to Bottom:

ft.

End Time: 08:58

Depth to Water:

ft.

Purge Rate: 526 gpm

Height of Water Column:

ft.

Volume Purged: 200 gal

Casing Volume:

gal.

Purged Dry: Yes

Level After Purge:

ft.

Casing: inch/ SS PVC

Weather Conditions: 70°/clear/calm

Sampling

Date: 7/13/22

Personnel Present:

D.Cain

Time Sampled: 08:58

Depth to Water:

ft.

Sample Appearance: clear

Recharge Rate:

gal.

No adve

Filter #:

-

Weather Conditions: 70°/clear/calm

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
14.8	6.49	1199	

Container Number	Size ml	Type vial	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature:

Date: 7/13/22

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UNDERDRAIN FIELD LOG

Page# _____

Sample Location: D-5
Sampling Program: TSCA
Lab #: --
Lab #: --

Sample Source: X Monitoring Well Leachate Standpipe Leak Detector
X Underdrain Stream Pond Other

Sample Type: X Grab Composite Dipping Bottle Standing/Flooding Water
Sample Equipment: X Grundfos Pump Electric Pump Venturi Pump
 Bailei Other: _____

Evacuation:

Date: 7/13/22
Start Time: 09:20
End Time: 09:57
Purge Rate: 5.11 gpm
Volume Purged: 200 gal
Purged Dry: Yes No
Casing: - inch/ SS - PVC

Personnel Present: D. Cain
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal
Level After Purge: - ft.

Weather Conditions: 73°/Clear/Cloudy

Sampling

Date: 7/13/22
Time Sampled: 09:57
Sample Appearance: Clear
No odor

Personnel Present: D. Cain
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: -
Diss O₂: -

Weather Conditions: 73°/Clear/Cloudy

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.6</u>	<u>6.67</u>	<u>0.0</u> <u>+4.21</u> <u>14.21</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: 

Date: 7/13/22

UNDERDRAIN FIELD LOG

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Sample Location: _____
Sampling Program: _____
TSCA _____
Lab # _____
Lab # _____

Page# _____

Matrix Spike TSCA

Matrix Spike TSCA Dup

TSCA

Lab # _____

Lab # _____

Sample Source: Monitoring Well Underdrain Leachate Standpipe Leak Detector
 Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Standing/FloWng Water
 Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 7/13/22
 Start Time: 09:20
 End Time: 09:57
 Purge Rate: 5.41 gpm
 Volume Purged: 200 gal
 Purged Dry: Yes/No
 Casing: -- inch/ -- SS -- PVC

Personnel Present: D.C.m
 Depth to Bottom: -- ft.
 Depth to Water: -- ft.
 Height of Water Column: -- ft.
 Casing Volume: -- gal.
 Level After Purge: -- ft.

Weather Conditions: 73°/Clear/Calm

Sampling

Date: 7/13/22
 Time Sampled: 09:57
 Sample Appearance: Clear
No odor

Personnel Present: D.C.m
 Depth to Water: -- ft.
 Recharge Rate: -- gal.
 Filter #: -- Diss O₂: --

Weather Conditions: 73°/Clear/Calm

Comments:

Collected @ U.S

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>14.6</u>	<u>6.67</u>	<u>1421</u>	

Container Number	Size ml	Type pV/g	Preservation	Parameters/Comments
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>--</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>--</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: R.D.L

Date: 7/13/22

UNDERDRAIN FIELD LOG

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Page#

Sample Location: U-6
Sampling Program: TSCA
Lab # --
Lab # --

Sample Source: Monitoring Well Underdrain Leachate Standpipe Leak Detector
 Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other:

Evacuation:

Date: 7/13/22
Start Time: 10:25
End Time: 10:55
Purge Rate: 6.67 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: -- inch/ -- SS -- PVC

Personnel Present: D.C.M
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal.
Level After Purge: -- ft.

Weather Conditions: 78°/Clear/5 mph E

Sampling

Date: 7/13/22
Time Sampled: 10:55
Sample Appearance: Clear
No odor

Personnel Present: D.Cain
Depth to Water: -- ft.
Recharge Rate: -- gal.
Filter #: --
Diss O₂: --

Weather Conditions: 78°/Clear/5 mph E

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
15.4	6.98	1231	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: 

Date: 7/13/22

UNDERDRAIN FIELD LOG

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Page# ~

Sample Location: U-10
Sampling Program: TSCA
Lab # --
Lab # --

Sample Source: X Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: X Grab Composite Dipping Bottle Standg/Flwng Water
Sample Equipment: Grundfos Pump X Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 7/12/22
Start Time: 13:40
End Time: 14:05
Purge Rate: 8 gpm
Volume Purged: 200 gal
Purged Dry: Yes/No
Casing: inch/ SS PVC

Personnel Present: D.Cain
Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal.
Level After Purge: ft.

Weather Conditions: 86°/Clear/7 mph E

Sampling:

Date: 7/12/22
Time Sampled: 13:40 / 14:05
Sample Appearance: Clear
No odor

Personnel Present: D.Cain
Depth to Water: ft.
Recharge Rate: gal.
Filter #:
Diss O₂:

Weather Conditions: 86°/Clear/7 mph E

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>15.4</u>	<u>7.47</u>	<u>991</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u> </u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u> </u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Signature: 

Date: 7/12/22

UNDERDRAIN FIELD LOG

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Page#

Sample Location: Dug TSCA 2
Sampling Program: TSCA
Lab #:
Lab #:

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 7/12/22
Start Time: 13:40
End Time: 14:05
Purge Rate: 8 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: -- inch/ -- SS -- PVC

Personnel Present: D. Com
Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal.
Level After Purge: ft.

Weather Conditions: 86°/Clear/7 mph E

Sampling

Date: 7/12/22
Time Sampled: 14:05
Sample Appearance: Clear
No odor

Personnel Present: D. Com
Depth to Water: ft.
Recharge Rate: gal.
Filter #: Diss O₂:

Weather Conditions: 86°/Clear/7 mph E

Comments: Collected at U-10

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>15.4</u>	<u>7.49</u>	<u>998</u>	

Container Number	Size ml	Type vial	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: 

Date: 7/12/22

UNDERDRAIN FIELD LOG

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Page# ~

Sample Location: U-13
Sampling Program:
TSCA
-
-
Lab # -
Lab # -

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle String/Flooding Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
Bailer Other:

Evacuation:

Date: 7/12/22
Start Time: 15:25
End Time: 15:42
Purge Rate: 11.76 ppm
Volume Purged: 200 gal
Purged Dry: Yes No
Casing: inch SS PVC

Personnel Present: D-Cain
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 89% Clear / Brush E

Sampling

Date: 7/12/22
Time Sampled: 15:43
Sample Appearance: clear
no odor

Personnel Present: D-Cain
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: -
Diss O₂: -

Weather Conditions: 89% Clear / Brush E

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>15.1</u>	<u>7.15</u>	<u>1021</u>	<u>/</u>

Container Number	Size ml	Type v/g	Preservation	Parameters/Comments
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>--</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>--</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 7/12/22

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Williamsburg, OH 45176
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UNDERDRAIN FIELD LOG

Page# 1

Sample Location: 10-4
Sampling Program: TSCA
Lab # —
Lab # —

Sample Source: X Monitoring Well — Leachate Standpipe — Leak Detector
X Underdrain — Stream — Pond — Other

Sample Type: X Grab — Composite — Dipping Bottle Stndng/Fwng Water
Sample Equipment: X Grundfos Pump — Electric Pump — Venturi Pump
— Bailer — Other: _____

Evacuation:

Date: 7/12/22
Start Time: 16:10
End Time: 17:03
Purge Rate: 3.71 gpm
Volume Purged: 200 gal
Purged Dry: Yes (No)
Casing: — inch/— SS — PVC

Personnel Present: D-Cain
Depth to Bottom: — ft.
Depth to Water: — ft.
Height of Water Column: — ft.
Casing Volume: — gal.
Level After Purge: — ft.

Weather Conditions: 81°/Clear/Cloudy 10%

Sampling

Date: 7/12/22
Time Sampled: 17:03
Sample Appearance: Clear
No odor

Personnel Present: D-Cain
Depth to Water: — ft.
Recharge Rate: — gal.
Filter #: — Diss O₂: — mg/l

Weather Conditions: 81°/Clear/Cloudy 10%

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>15.8</u>	<u>7.04</u>	<u>1278</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>—</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>—</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 7/12/22

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page#

Sample Location: DUP TSCA 3
Sampling Program:
TSCA
Lab #
Lab #

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Standg/FIwg Water
 Grundfos Pump Electric Pump Venturi Pump
Bailer Other:

Evacuation:

Date: 7/12/22
Start Time: 16:10
End Time: 17:03
Purge Rate: 3.77 gpm
Volume Purged: 200 gal
Purged Dry: Yes/No
Casing: -- inch/ -- SS -- PVC

Personnel Present: D.Cox
Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal
Level After Purge: ft.

Weather Conditions: 89°/Clear/6 mph E

Sampling

Date: 7/12/22
Time Sampled: 17:03
Sample Appearance: Clear
no odor

Personnel Present: D.Cox
Depth to Water: ft.
Recharge Rate: gal.
Filter #: Diss O₂:

Weather Conditions: 89°/Clear/6 mph E

Comments: Collected @ U-4

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>15.8</u>	<u>7.05</u>	<u>1275</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>--</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>--</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 7/12/22

UNDERDRAIN FIELD LOG

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Williamsburg, OH 45176
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Page# --

Field Blank TSCA

TSCA

Lab # --

Lab # --

Sample Source: Monitoring Well Underdrain Leachate Standpipe Leak Detector
 Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Standg/FIwg Water
 Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailler Other: Lab Supplied Water

Evacuation:

Date: / /
 Start Time:
 End Time:
 Purge Rate: gpm
 Volume Purged: gal
 Purged Dry: Yes/No
 Casing: inch/ SS PVC

Personnel Present:
 Depth to Bottom: ft.
 Depth to Water: ft.
 Height of Water Column: ft.
 Casing Volume: gal.
 Level After Purge: ft.

Weather Conditions: _____

Sampling

Date: 7/12/22
 Time Sampled: 17:32
 Sample Appearance: Clear
No odor

Personnel Present: D. Cain
 Depth to Water: ft.
 Recharge Rate: gal.
 Filter #: Diss O₂: mg/l

Weather Conditions: 89°/clear/7 mph E

Comments: Sampled by pouring lab supplied water into sample bottles in on-site sample prep room

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>26.9</u>	<u>7.23</u>	<u>210</u>	<u>2.27</u>

Container Number	Size ml	Type mL/g	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: 

Date: 7/12/22

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Williamsburg, OH 45176
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UNDERDRAIN FIELD LOG

Page#

Sample Location: U-26
Sampling Program: TSCA
Lab #: --
Lab #: --

Sample Source: Monitoring Well Underdrain Leachate Standpipe Leak Detector
 Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flyng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Baile

Evacuation:
Date: 7/12/22 Personnel Present: D.C.
Start Time: 10:05 Depth to Bottom: ft.
End Time: 10:17 Depth to Water: ft.
Purge Rate: 16.67 gpm Height of Water Column: ft.
Volume Purged: 200 gal Casing Volume: gal.
Purged Dry: Yes/No Level After Purge: ft.
Casing: inch/ SS PVC

Weather Conditions: 82°/clear/9 mph E

Sampling

Date: 7/12/22 Personnel Present: D.C.
Time Sampled: 10:17 Depth to Water: ft.
Sample Appearance: Clear Recharge Rate: gal.
No odor Filter #:
Diss O₂:

Weather Conditions: 82°/clear/9 mph E

Comments: Purge and sample water effervescent

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>15.1</u>	<u>6.69</u>	<u>1886</u>	

Container Number	Size ml	Type pl/g	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: 

Date: 7/12/22

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page#

Sample Location: U-19

Sampling Program:

TSCA

Lab #

Lab #

Sample Source: Monitoring Well Underdrain Leachate Standpipe Leak Detector
 Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Standing/Water
 Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 7/12/22
 Start Time: 10:47
 End Time: 10:59
 Purge Rate: 14.6 l/min
 Volume Purged: 200 gal
 Purged Dry: Yes/No
 Casing: inch/ SS/ PVC

Personnel Present: D.Cain
 Depth to Bottom: ft.
 Depth to Water: ft.
 Height of Water Column: ft.
 Casing Volume: gal.
 Level After Purge: ft.

Weather Conditions: 83°/Cloudy/8 mph E

Sampling

Date: 7/12/22
 Time Sampled: 10:59
 Sample Appearance: Clear
No odor

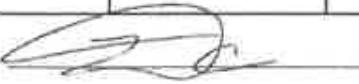
Personnel Present: D.Cain
 Depth to Water: ft.
 Recharge Rate: gal.
 Filter #: Diss O₂:

Weather Conditions: 83°/Cloudy/8 mph E

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>15.0</u>	<u>7.24</u>	<u>1295</u>	

Container Number	Size ml	Type vial	Preservation	Parameters/Comments
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u> </u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u> </u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 7/12/22

UNDERDRAIN FIELD LOG

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Page# 1

Sample Location: U-20
Sampling Program: TSCA
Lab # -
Lab # -

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle String/Flooding Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
Bailer Other: _____

Evacuation:

Date: 7/12/22 Personnel Present: D.C.in
Start Time: 11:15 Depth to Bottom: - ft.
End Time: 11:27 Depth to Water: - ft.
Purge Rate: 16.17 gpm Height of Water Column: - ft.
Volume Purged: 200 gal Casing Volume: - gal.
Purged Dry: Yes/No Level After Purge: - ft.
Casing: - inch/- SS - PVC

Weather Conditions: 84°/Cloudy/7 mph E

Sampling

Date: 7/12/22 Personnel Present: D.C.in
Time Sampled: 11:27 Depth to Water: - ft.
Sample Appearance: Clear Recharge Rate: - gal.
No odor Filter #: - Diss O₂: -

Weather Conditions: 84°/Cloudy/7 mph E

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>15.2</u>	<u>7.25</u>	<u>1633</u>	

Container Number	Size ml	Type pV/g	Preservation	Parameters/Comments
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>-</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>-</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: [Signature]

Date: 7/12/22

UNDERDRAIN FIELD LOG

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Page#

Sample Location: U-11
Sampling Program: TSCA
-
-
Lab #
Lab #

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
X Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
Bailer Other: _____

Evacuation:

Date: 7/12/22
Start Time: 12:08
End Time: 12:20
Purge Rate: 16.6 l/min
Volume Purged: 200 gal
Purged Dry: Yes
Casing: — inch/ — SS — PVC

Personnel Present: D.Lin
Depth to Bottom: — ft.
Depth to Water: — ft.
Height of Water Column: — ft.
Casing Volume: — gal.
Level After Purge: — ft.

Weather Conditions: 85° / cloudy / 7 mph E

Sampling

Date: 7/12/22
Time Sampled: 12:20
Sample Appearance: clear
at end

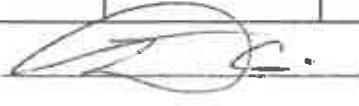
Personnel Present: D.Lin
Depth to Water: — ft.
Recharge Rate: — gal.
Filter #: —
Diss O₂: —

Weather Conditions: 85° / cloudy / 7 mph E

Comments: Purge and Sample Water Effervescent

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>15.0</u>	<u>7.04</u>	<u>1104</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>—</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>—</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 7/12/22

UNDERDRAIN FIELD LOG

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Page#

Sample Location: U-12
Sampling Program: TSCA
Lab #
Lab #

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composit Dipping Bottle Standng/Flyng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Baile Other: _____

Evacuation:

Date: 7/12/22
Start Time: 12:35
End Time: 12:47
Purge Rate: 14.7 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: inch/ SS PVC

Personnel Present: D.C.
Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal.
Level After Purge: ft.

Weather Conditions: 85°/Cloudy/1 mph E

Sampling

Date: 7/12/22
Time Sampled: 12:47
Sample Appearance: Clear
no odor

Personnel Present: D.C.
Depth to Water: ft.
Recharge Rate: gal.
Filter #:
Diss O₂:

Weather Conditions: 85°/Cloudy/1 mph E

Comments: Purge and Sample water-Effervescent

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.9</u>	<u>7.09</u>	<u>1015</u>	

Container Number	Size ml	Type, pV/g	Preservation	Parameters/Comments
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u> </u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u> </u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 7/12/22

UNDERDRAIN FIELD LOG

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Page# --

Sample Location: 12-14
Sampling Program: TSCA
Lab # --
Lab # --

Sample Source: X Monitoring Well Leachate Standpipe Leak Detector
X Underdrain Stream Pond Other

Sample Type: X Grab Composite Dipping Bottle Stndng/Flwng Water
Sample Equipment: Grundfos Pump X Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 7/12/22
Start Time: 14:30
End Time: 14:45
Purge Rate: 13.33 ppm
Volume Purged: 200 gal.
Purged Dry: Yes/No
Casing: inch/ SS PVC

Personnel Present: D.Cain
Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal.
Level After Purge: ft.

Weather Conditions: 88°/Clear/ Sunsh 1/2

Sampling

Date: 7/12/22
Time Sampled: 14:45
Sample Appearance: Clear
No odor

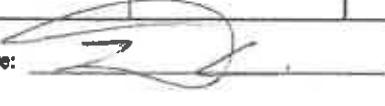
Personnel Present: D.Cain
Depth to Water: ft.
Recharge Rate: gal.
Filter #: Diss O₂:

Weather Conditions: 88°/Clear/ 8mpf E

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.9</u>	<u>7.16</u>	<u>978</u>	

Container Number	Size ml	Type v/g	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: 

Date: 7/12/22

LEAK DETECTOR FIELD LOG

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Page#

Sample Location: LD-1
Sampling Program:
TSCA
Lab #
Lab #

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Standing/Floating Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 7/11/22
Start Time: 16:52
End Time: 17:12
Purge Rate: 10 gpm
Volume Purged: 205 gal
Purged Dry: Yes/No
Casing: inch/ SS PVC

Personnel Present: D-Lin
Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal.
Level After Purge: ft.

Weather Conditions: 88°/Clear/Length W

Sampling

Date: 7/11/22
Time Sampled: 17:12
Sample Appearance: Clear
no odor

Personnel Present: D-Lin
Depth to Water: ft.
Recharge Rate: gal.
Filter #: Diss O₂:

Weather Conditions: 88°/Clear/Length W

Comments: Purge and sample water Effervescent

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>15.7</u>	<u>6.24</u>	<u>2560</u>	

Container Number	Size ml.	Type pl/g	Preservation	Parameters/Comments
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u> </u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u> </u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 7/11/22

LEAK DETECTOR FIELD LOG

CECOS International, Inc.
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Page#

Sample Location: LD-2
Sampling Program: TSCA
Lab #:
Lab #:

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Standing/Floating Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 7/11/22
Start Time: 16:46
End Time: 16:50
Purge Rate: 18.75 gpm
Volume Purged: 75 gal
Purged Dry: Yes/No
Casing: inch/ SS PVC

Personnel Present: D.Cain
Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal.
Level After Purge: ft.

Weather Conditions: 88°/Clear/Cool/w

Sampling

Date: 7/11/22
Time Sampled: 17:24
Sample Appearance: clear
no odor

Personnel Present: D.Cain
Depth to Water: ft.
Recharge Rate: gal.
Filter #: Diss O₂:

Weather Conditions: 88°/Clear/Cool/w

Comments: Purge and sample water fluorescent

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>15.9</u>	<u>6.41</u>	<u>2040</u>	

Container Number	Size ml	Type pV/g	Preservation	Parameters/Comments
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u> </u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u> </u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: Z. Cain

Date: 7/11/22

LEAK DETECTOR FIELD LOG

CECOS International, Inc.
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Williamsburg, OH 45176
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Page#

Sample Location: LD-3
Sampling Program: TSCA
Lab #:
Lab #:

Sample Source:	<input type="checkbox"/> Monitoring Well	<input type="checkbox"/> Leachate Standpipe	<input checked="" type="checkbox"/> Leak Detector
	<input type="checkbox"/> Underdrain	<input type="checkbox"/> Stream	<input type="checkbox"/> Pond
			<input type="checkbox"/> Other

Sample Type:	<input checked="" type="checkbox"/> Grab	<input type="checkbox"/> Composite	<input type="checkbox"/> Dipping Bottle	<input type="checkbox"/> Strndng/Flwng Water
Sample Equipment:	<input type="checkbox"/> Grundfos Pump	<input checked="" type="checkbox"/> Electric Pump	<input type="checkbox"/> Venturi Pump	
	<input type="checkbox"/> Bailer	<input type="checkbox"/> Other:		

Evacuation:

Date: 7/12/22
Start Time: 09:12
End Time: 09:37
Purge Rate: 2 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: 4 inch/ SS PVC

Personnel Present: D.C.
Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal.
Level After Purge: ft.

Weather Conditions: 78°/clear/2 mph E

Sampling

Date: 7/12/22
Time Sampled: 09:37
Sample Appearance: Clear
no odor

Personnel Present: D.C.
Depth to Water: ft.
Recharge Rate: gal.
Filter #: Diss O₂:

Weather Conditions: 78°/clear/2 mph E

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>15.5</u>	<u>6.50</u>	<u>1887</u>	

Container Number	Size ml	Type pl/g	Preservation	Parameters/Comments
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u> </u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u> </u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: Z.D.

Date: 7/12/22

LEAK DETECTOR FIELD LOG

CECOS International, Inc.
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Williamsburg, OH 45176
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Page# —

Sample Location: LD-4
Sampling Program: TSCA
Lab # —
Lab # —

Sample Source: Monitoring Well Leachate Standpipe X Leak Detector
Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Sndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 7/12/22
Start Time: 08:39
End Time: 08:57
Purge Rate: 10 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: — inch/ SS — PVC

Personnel Present: D-Cain
Depth to Bottom: — ft.
Depth to Water: — ft.
Height of Water Column: — ft.
Casing Volume: — gal.
Level After Purge: — ft.

Weather Conditions: 75°/clear/6 mph E

Sampling

Date: 7/12/22
Time Sampled: 08:57
Sample Appearance: Clear
No odor

Personnel Present: D-Cain
Depth to Water: — ft.
Recharge Rate: — gal.
Filter #: — Diss O₂: —

Weather Conditions: 75°/Clear/6 mph E

Comments: Purge and Sample Water Effervescent

Temperature	pH	Specific Conductance	Turbidity
(°C)	S.U.	(umhos/cm)	(NTU)
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>5.4</u>	<u>6.22</u>	<u>1786</u>	<u>—</u>

Container Number	Size ml	Type pl/g	Preservation	Parameters/Comments
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>—</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>—</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>

Signature: 

Date: 7/12/22